CATALOGUE

OF

AMHERST COLLEGE

1915-1916

AMHERST
MASSACHUSETTS

BULLETINS OF AMHERST COLLEGE

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AMHERST COLLEGE CATALOGUE

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OF

AMHERST COLLEGE

FOR THE YEAR
1915 — 1916

AMHERST MASSACHUSETTS
PUBLISHED BY THE COLLEGE

1915

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COLLEGE CALENDAR

1915

September	23, Beginning of the College Year 11:30 A.M.	Thursday
October	6, Mountain Day, a holiday	Wednesday
October	13–15, Porter Prize Entrance Examinations	
November	24–26, Thanksgiving Recess 12:20 P.M. Wed., 2:00 P.M.	Fri.
December	21, Christmas Recess begins 12:20 P.M.	Tuesday

1916

January	4, Christmas Recess ends 2:00 P.M.	Tuesday
February	3–9, Semester Examinations	

February	10, Second Half-year begins; registration, 2.00 P.M.	Th.
February	27, Day of Prayer for Colleges	Sunday
March	29, Spring Recess begins 12:20 P.M.	Wednesday
April	6, Spring Recess ends 2:00 P.M.	Thursday
May	30, Memorial Day, a holiday	Tuesday
June	10, Preliminary Registration Day	Saturday
June	12–17, Semester Examinations	
June	18, Baccalaureate Sermon	Sunday
June	19–24, Examinations for Admission	Monday to Saturday
June	19, Hyde Prize Orations	Monday afternoon
June	19, Kellogg Prize Declamations	Monday evening
June	20, Class Day	Tuesday
June	20, President's Reception	Tuesday afternoon
June	20, Lawn Fête	Tuesday evening
June	21, Commencement Exercises	Wednesday morning
June	21, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF THIRTEEN WEEKS

September	13–19, Examinations for Admission	Wed. to Tuesday
September	20, Beginning of the College Year 11:30 A.M.	Wed.
October	7, Mountain Day, a holiday	
October	12–14, Porter Prize Entrance Examinations	
Nov. 29 to Dec. 1,	Thanksgiving Recess 12:20 P. M. Wed. to 2:00 P. M.	Friday
December	21, Christmas Recess begins 12:20 P.M.	Thursday

1917

January	4, Christmas Recess ends 2:00 P.M.	Thursday
February	1–7, Semester Examinations	

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HISTORICAL NOTE

Amherst College bears the name not of an individual founder or promoter, nor of a religious denomination or dogma, but of the town in which it is located. The fact is significant. From its early years Amherst was the home of liberal-minded men who desired for their children better educational advantages than could be afforded by the old-time district schools. Through the plodding decades succeeding the close of the Revolution, however, this desire had to remain unrealized; until in 1812 the people of the town, among whom was a goodly number of college graduates, took steps to found a school of higher education, the Amherst Academy, a school of much distinction and usefulness in its day; which received its charter in 1816, the same year in which the earlier founded Hopkins Academy in Hadley was incorporated. From Amherst Academy, dedicated to the promotion of "morality, piety, and religion," and to "the instruction of youth in the learned languages," came in quite limited process of time Amherst College, whose immediate object, as expressed by Noah Webster at the laying of the corner-stone, was "that of educating for the gospel ministry young men in indigent circumstances, but of hopeful piety and promising talents." The address from which these words are quoted was delivered August 9, 1820. From this date the erection of the first building, the present South College, proceeded apace, aided by heartily given contributions of money, labor, and materials, both from Amherst and several surrounding towns; so that on September 18, 1821, the building completed, exercises of dedication and inauguration were held in the church building of the First parish, now College Hall,

and Amherst College, with a president, two professors, and forty-seven students, was on the following day opened for its growing and honorable service to the community, the commonwealth, and the world. From the beginning its ideals have been of the highest, tolerating no limitations. "I should be wholly averse," wrote the first President in his letter of acceptance, "to becoming united with any institution which proposes to give a classical education inferior to that given in any of the colleges in New England."

After two adverse votes in the Legislature the College finally secured a charter from the Commonwealth, the date of its approval being February 21, 1825. A number of students in the intervening classes, being compelled to graduate without a degree, received their degrees from Union College, on suitable certificates from Amherst. Of the charter just mentioned a few words are all that the present sketch permits, or that are pertinent to present conditions. As to the Board of Trustees, it was "provided, . . . that the number of members (including the president of said college for the time being, who shall *ex officio* be one of said corporation) shall never be greater than seventeen"; and as to keeping that number good, it was in the same section "provided, further, that as vacancies shall occur in said board, they shall be so filled that the said board shall as soon as may be, and forever after, consist of seven clergymen and ten laymen." The first five vacancies that occurred in the board were filled by vote of the Legislature; but when, fifty years after the founding of the college, the number of alumni had become sufficient to warrant it, the alumni were empowered to choose five members of the board, electing one each year as their terms of service expired. Regarding instructors and students, it was enacted (Section 6), "That no instructor in said college shall ever be required by the trustees to profess any

particular religious opinions as a test of office; and no student shall be refused admission to or denied any of the privileges, honors or degrees of said college on account of the religious opinions he may entertain."

The charter contains a curious section (Section 7), which is here mentioned for its historic and perhaps we may say providential interest. "And be it further enacted," the passage naïvely runs, "That if it shall hereafter appear to the Legislature of this Commonwealth lawful and expedient to remove Williams College to the town of Amherst, and the President and Trustees of Williams College shall agree so to do, the Legislature shall have full power to unite Williams and Amherst Colleges into one university at Amherst, on such terms and conditions and under such government as shall be agreed upon by the majority of a board of seven commissioners, of whom," etc. This enactment was made, it will be noted, four years after the first President of Amherst had resigned the presidency of Williams in order to come to this, as he deemed, more suitable town for a college, and brought with him fifteen students from Williamstown. The question of this transfer to Amherst was for some years a quite acute one, not agitated by the people of Amherst but by the ministers and others in the towns of western Massachusetts, and discussed, so far as can be ascertained, without any acrimony between the colleges. The providential interest intimated above lies in the fact that the union of the colleges was not effected; somewhat on the principle sapiently implied once by a thoughtful child writing about pins,—that "pins had saved a great many people's lives—by not swallowing them." It is much better as it is—to have Williams as a sister college, and incidentally to try conclusions with her in friendly and generous rivalry, than to lack so honorable and valuable

a neighbor. Both colleges, we may be sure, are the better for it.

The general government of the college is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

The corporate name of the Institution is "The Trustees of Amherst College."

We append here a list of the Presidents, with a few items of their lives and services.

The first President, Rev. Zephaniah Swift Moore, D.D., was born in Palmer, November 20, 1770; was graduated 1793 at Dartmouth College; at the time of his call to Amherst was President of Williams College, which office he resigned as stated above; was President 1821 to 1823.

The second President, Rev. Heman Humphrey, D.D., was born in West Simsbury, Conn., March 26, 1779; was graduated from Yale College in 1805; was called to the presidency of Amherst from a pastorate in Pittsfield; was President 1823 to 1845.

The third President, Rev. Edward Hitchcock, D.D., LL.D., was born in Deerfield, May 24, 1793; was a special student of theology and science at Yale College, 1826, from which institution he had already received the honorary degree of A.M. in 1818; was elected from the faculty to the presidency of Amherst; was President 1845 to 1854.

The fourth President, Rev. William Augustus Stearns, D.D., LL.D., was born in Bedford, Mass., March 17, 1805; was educated at Harvard and at Andover, and was ordained in the Congregational Church, 1831; was President and Pastor of the College Church, 1854–1876.

The fifth President, Rev. Julius Hawley Seelye, D.D.,

LL.D., was born in Bethel, Conn., September 14, 1824; was graduated from Amherst College, 1849, and from Auburn Theological Seminary in 1852; was professor of Mental and Moral Philosophy at Amherst, 1858 to 1874; was elected to Congress in 1874; was President and Pastor of the College Church, 1876 to 1890.

The sixth President, Merrill Edwards Gates, Ph.D., LL.D., L.H.D., was born in Warsaw, N. Y., April 6, 1848; was graduated from the University of Rochester, 1870; was called to Amherst from the presidency of Rutgers College, 1890; was President of Amherst College, 1890 to 1899.

The seventh President, Rev. George Harris, D.D., LL.D., was born in East Machias, Me., April 1, 1844; was graduated from Amherst College, 1866, and from Andover Theological Seminary, 1869; was called to Amherst from Andover where he was Professor of Christian theology, 1899; was President, 1899 to 1912.

The eighth President, now in office, Alexander Meiklejohn, Ph.D., LL.D., was born in Rochdale, England, February 3, 1872; was graduated from Brown University, 1893, and from Cornell University (Ph.D.), 1897; was called to Amherst from Brown University, where he was Dean and Professor of logic and metaphysics, 1912; since 1912 President and Professor of logic and metaphysics.

J. F. G.

THE FUNCTION OF THE LIBERAL COLLEGE

[Extract from an address delivered by President Meiklejohn at the exercises in celebration of the founding of Allegheny College, June, 1915.]

In the old colonial community, the clergyman, as in lesser degree the lawyer and the teacher, was the man of ideas. He was no mere teacher of the gospel and tender of the parish. While his people lived their lives it was his task to reflect upon their living, to formulate the beliefs on which it was based, to study the conditions by which it was molded, to bring to clearness the problems by which it was faced, to study the moral, social, economic, political situations of which it was constituted. It was his part and the part of men of like intellectual development to attempt to understand the lives which other men were living with lesser degrees of understanding. It was his task to serve as prophet and seer, as guide and counselor of his people.

It was for this task that the liberal college intended to prepare him. And in these latter days, as the scope of education has been extended more broadly, the same liberal education has been given to great numbers of our young men, whatever the professions they are planning to enter. At the present time a very small percentage of our college graduates become ministers; more than half of them enter into some form of business occupation. But whether they are to be in business or in the ministry, the same education must be given them, since the new community has the same need as had the old of understanding itself, of stating itself in terms of ideas.

This fundamental belief of liberal education can be stated in terms of two principles. The first is shared by both lib-

eral and technical teaching. The second applies to liberal education alone. The principles are these: (1) that activity guided by ideas is on the whole more successful than the same activity without the control of ideas, and (2) that in the activities common to all men the guidance by ideas is quite as essential as in the case of those which different groups of men carry on in differentiation from one another.

The first principle applies to all higher education. We recognize that human deeds may be done in either of two ways—first, by habit, by custom, by tradition, by rule of thumb, just as they always have been done; or, on the other hand, under the guidance of study, of investigation, of ideas and principles by which men attempt to discover and to formulate knowledge as to how these activities can *best* be done. Now all higher education, liberal or professional, rests on the belief that on the whole an activity which is understood will be more successful than one which is not understood. Knowledge pays; intelligence is power.

The liberal school and the professional are, however, separated by their choice of the activities which each shall study. Every professional school selects some one special group of activities carried on by the members of one special trade or occupation and brings to the furtherance of these the full light of intellectual understanding and guidance. The liberal school, on the other hand, takes as its content those activities which all men carry on, those deeds which a man must do in virtue of the fact that he is a man; and within this field it seeks to achieve the same enlightenment and insight. The liberal college would learn and teach what can be known about a man's moral experience, our common speech, our social relations, our political institutions, our religious aspirations and beliefs, the world of nature which surrounds and molds us, our intellectual and aesthetic strivings and yearnings — all these, the human

things that all men share, the liberal school attempts to understand, believing that if they are understood, men can live them better than they would live them by mere tradition and blind custom. But one of the terrible things about our generation is that the principle which it accepts so eagerly in the field of the vocations it refuses and shuns in the deeper things of human living. I have known fathers planning for the training of a son, who would see to it that in the preparation for his trade every bit of knowledge he can have is supplied him. If the boy is to be a dyer of cloth, then he must study the sciences that understand that process. All that can be known about the nature of fabrics, the constitution of dyestuffs, the processes of application and development of the dye—not one bit of all this may be lacking from the teaching of the boy. To put him into the shop without that knowledge, to let him learn by imitation, pick up the rule of thumb, follow the ways of master workmen of the trade—to do that would be to make him only a workman, one who can do what has been done, can do what he is told to do. But the father is not content with this. His boy must understand and know the trade so that he may be the leader and the guide, may give the orders rather than obey them. But how often the same father is unwilling that his boy attempt to understand his own religion, his own morals, his own society, his own politics! In these fields, surely the father's opinions are good enough! Keep the boy's mind at rest regarding his religion and his economics; what has been believed before had better still be believed! It may be bad for business, may interfere with a boy's success if he becomes too much interested in the fundamental things of life! And so such parents invite us to leave the universal things, the things most sacred and significant, to blindness, to the mere drift of custom, to tradition, and rule of thumb. And

here it is that the liberal college again asserts its loyalty to the men who founded the older institutions. Those men had intellectual faith; they believe that it is worth while to know the life of man, and so they studied it and taught it to their pupils. I know that I speak for the teachers and the administrators of the liberal college here represented today when I pledge anew our loyalty to the men in whose footsteps we follow. So far as we can bring it about the young people of our generation shall know themselves, shall know their fellows, shall think their way into the common life of their people, and by their thought shall illumine and direct it. If we are not pledged to that, then we have deserted the old standard; we are apostates from the faith. But I think that a good many of us are still loyal. We welcome every new extension of vocational instruction. We know that every man should have some special task to do and should be trained to do that task as well as it can possibly be done. The more the special trades and occupations are guided and directed by skill and knowledge the more will human life succeed in doing the things it plans to do. But by the same principle we pledge ourselves to the study of the universal things in human life, the things that make us men as well as ministers and tradesmen. We pledge ourselves forever to the study of human living in order that living may be better done. We have not yet forgotten that fundamentally the proper study of mankind is Man.

CORPORATION

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President of the Corporation

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President of the College

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Secretary of the Corporation

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REV. JOHN TIMOTHY STONE, D.D., LL.D. Chicago, Ill.

REV. GEORGE ATWATER HALL, Brookline, Mass.

HARRY WELTON KIDDER, B.A. Amherst, Mass.
Treasurer of the Corporation

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Rev. Charles W. Merriam	Greenfield, Mass.
Ambert G. Moody, B.A.	East Northfield, Mass.
Dean George D. Olds, L.L.D.,	Amherst, Mass.

Harry Welton Kidder, B.A., *Commissioner*

* Deceased.

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ALFRED SHEPARD GOODALE, B.A., *Registrar*
Office, No. 3, Walker Hall

PAUL CHRYSOSTOM PHILLIPS, M.D., *College Physician*
Office, Pratt Gymnasium

RICHARD FRANCIS NELLIGAN, *Director of Athletics*
Office, Pratt Gymnasium

WALTER RAYMOND AGARD, B.A.
JOSEPH LYONS SNIDER, B.A.
Secretaries of the Christian Association, in charge of the student employment bureau.
Office, 109 Morris Pratt Memorial Dormitory

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Office, Hitchcock Hall

GERTRUDE ELIZABETH BROWN, *Secretary to the President*
Office, President's House

FACULTY*

ALEXANDER MEIKLEJOHN, PH.D., LL.D. — President's House
President of the College, and Professor of Logic and Metaphysics

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GEORGE HARRIS, D.D., LL.D. — 35 West 81st St., New York, N. Y.
President Emeritus

WILLIAM COLE ESTY, LL.D. — 85 Elm St., Worcester, Mass.
Professor Emeritus of Mathematics and Astronomy

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ANSON DANIEL MORSE, LL.D. — Amherst, Mass.
Professor Emeritus of History

WILLIAM ISAAC FLETCHER, M.A. — 54 North Pleasant St.
Librarian Emeritus

EDWIN AUGUSTUS GROSVENOR, LL.D., LITT.D. — 7 College St.
Professor Emeritus of Modern Government and International Law

---

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Hitchcock Professor of Mineralogy and Geology

JOHN MASON TYLER, PH.D. — 8 Tyler Place
Stone Professor of Biology

JOHN FRANKLIN GENUNG, PH.D., D.D., L.H.D. — 20 Spring St.
Professor of Literary and Biblical Interpretation

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Professor of Physics

GEORGE DANIEL OLDS, LL.D. — 3 Orchard St.
Walker Professor of Mathematics, and Dean of the Faculty

DAVID TODD, PH.D. — Observatory House
Professor of Astronomy† and Navigation, and Director of the Observatory

WILLIAM LYMAN COWLES, M.A. — 20 Northampton Road
Moore Professor of the Latin Language and Literature

HARRY DE FOREST SMITH, M.A. — 5 College St.
John C. Newton Professor of Greek

*Arranged in the order of appointment to present rank.
†On the Sidney Dillon Fund Endowment.

THOMAS CUSHING ESTY, M.A. 40 Dana St.
Professor of Mathematics, and Secretary of the Faculty

GEORGE BOSWORTH CHURCHILL, PH.D. 25 Spring St.
Williston Professor of English Literature

WILLIAM PINGRY BIGELOW, M.A. 2 Orchard St.
Professor of Music

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Professor of Economics

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Professor of Comparative Anatomy

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Parmly Billings Professor of Hygiene and Physical Education

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CHARLES WIGGINS COBB, PH.D. Mt. Doma
Associate Professor of Mathematics

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Associate Professor of Physics

CHARLES ERNEST BENNETT, PH.D. 2 Tyler Place
Associate Professor of Latin

JOHN ALLAN CHILD, B.A. 19 Main St.
Associate Professor ad interim *of Romance Languages*

CLARENCE EDGAR SHERMAN, B.S. 67 South Pleasant St.
Assistant Librarian

GEORGE FRISBIE WHICHER, PH.D. 8 Woodside Ave.
Associate Professor of English

*Absent on leave.

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Instructor in Chemistry

CLARENCE EDWIN AYRES, M.A. Bank Block
Instructor in Social Science and Logic

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Assistant in Geology

WALDO SHUMWAY, M.A. 11 Parsons St.
Assistant in Biology

WALTER RAYMOND AGARD, B.A. 109 Morris Pratt Memorial Dormitory
Assistant in English

JOSEPH LYONS SNIDER, B.A. 109 Morris Pratt Memorial Dormitory
Assistant in Public Speaking

CARL WILLIS HYLAND 20 Woodside Ave.
Secretary of the Department of Hygiene and Physical Education

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Professor Cowles
Professor Loomis
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Professor Doughty
Professor Gallinger
Professor Kimball
Professor Lancaster
Professor Manthey-Zorn
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Professor Stowell
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LECTURES

The President
Professor Crook
Professor Smith
Professor Stowell
Professor Young

COMMENCEMENT

Professor Churchill
Professor Corsa
Professor Hopkins
Professor Phillips
Professor Tyler

COLLEGE PREACHERS

1914–1915

Talcott Williams, ll.d., l.h.d., litt.d.	New York, N. Y.
Rev. Lewis T. Reed	Brooklyn, N. Y.
Rev. John W. Platner	Cambridge, Mass.
Rev. Jay T. Stocking, d.d.	Washington, D. C.
Rev. J. Frederick Berg, d.d.	New Brunswick, N. J.
Rev. Frank J. Goodwin, d.d.	Westfield, N. J.
Dean Wilford L. Robbins, d.d., ll.d.	New York, N. Y.
Rev. Alexander H. Abbott	Albany, N. Y.
Rev. Edwin H. Van Etten	New York, N. Y.
President Albert P. Fitch, d.d.	Cambridge, Mass.
Rev. Jason Noble Pierce	Boston, Mass.
Rev. Augustus M. Lord, d.d.	Providence, R. I.
Dean Charles R. Brown, d.d.	New Haven, Conn.
Dean Edmund S. Rousmaniere, d.d.	Boston, Mass.
President Marion L. Burton, d.d., ll.d.	Northampton, Mass.
Rt. Rev. James DeWolf Perry, Jr.	Providence, R. I.
Rev. Edward R. Evans	Pawtucket, R. I.
Rev. J. V. Moldenhawer	Albany, N. Y.
Prof. Walter Rauschenbusch, d.d.	Rochester, N. Y.
Rev. James A. Richards	Boston, Mass.
Prof. Eugene W. Lyman, d.d.	Oberlin, O.
President Kenyon L. Butterfield, ll.d.	Amherst, Mass.
President William H. P. Faunce, d.d., ll.d.	Providence, R. I.
Rev. Nehemiah Boynton, d.d.	Brooklyn, N. Y.
Rev. George A. Gordon, d.d., ll.d.	Boston, Mass.
President Emeritus George Harris, d.d., ll.d.	New York, N. Y.

Rev. Harry P. Dewey, d.d. Minneapolis, Minn.
Rev. John Timothy Stone, d.d., ll.d. Chicago, Ill.
Rev. J. Douglas Adam, d.d. Hartford, Conn.
Rev. Simon John McPherson, d.d. Lawrenceville, N. J.
Rev. Edward F. Sanderson Stamford, Conn.
Rev. S. Parkes Cadman, d.d. Brooklyn, N. Y.
Prof. John F. Genung, d.d., l.h.d. Amherst, Mass.
President Alexander Meiklejohn, ph.d., ll.d. Amherst, Mass.

DEGREES

BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the Degree of Bachelor of Arts is arranged on the basis of a four years' course to be pursued by students in residence at the college.

Plans are offered, however, which enable candidates for the degree to complete the course of study in less than four years either wholly at Amherst or in part at other colleges. (See page 56).

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-three per cent, *magna cum laude* at eighty-eight per cent, and *cum laude* at eighty per cent.

A detailed statement of the curriculum will be found on page 57.

BACHELOR OF SCIENCE

The Degree of Bachelor of Science will be conferred upon students of Amherst College who, having entered with the class of 1916 or 1917, have satisfactorily met the requirements prescribed for that degree.

No other candidates for the Degree of Bachelor of Science will be received.

Diplomas are graded as in the Arts course. A statement of the course of study leading to this degree will be found on page 59.

COURSE WITHOUT DEGREE

Students who desire to pursue a course of study varying from the regular curriculum are occasionally admitted to Amherst College as special students, not candidates for a degree. Rules relating to special students will be found on page 60.

MASTER OF ARTS

The Degree of Master of Arts is conferred upon Bachelors of Amherst College and of other colleges that confer the Bachelor's degree under conditions equivalent to those at Amherst College, who, having spent one year in residence at Amherst, have satisfactorily met the requirements prescribed for that degree.

For a detailed statement of these requirements see page 60.

Undergraduates of Amherst College who complete the work for the Bachelor's degree at the end of the first semester of Senior year may apply the remainder of the year to studies leading to the Master's degree.

ADMISSION

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

All candidates for admission to College must present satisfactory testimonials of good character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school year.

Subject	*Rating*	*Subject*	*Rating*
Biology	½	History D	1
Botany	½	Latin 1	1
Chemistry	1	Latin 2	1
English 1	2	Latin 4	1
English 2	1	Latin 5	1
French A	2	Mathematics A(A1+A2)	1½
French B	1	Mathematics A1	1
German A	2	Mathematics A2	½
German B	1	Mathematics C	1
Greek A, B	2	Mathematics B	½
Greek C, F, H	1	Mathematics D	½
Harmony (Music B)	1	Mathematics F	½
History A	1	Physics	1
History B	1	Physiography	1
History C	1	Physiology	½

A description of these subjects arranged in alphabetical order will be found on pages 32–48.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS

All candidates for a degree must present entrance credits which amount to fourteen points, a point being a course pursued five hours per week for a school year.

The credits presented must include

Subject	*Points*
English 1	2
English 2	1
History A (Ancient History)	1
One ancient language	
Latin 1, 2, 4, 5	4
or Greek A, B, C, F, H	3
Mathematics A (elementary algebra)	1½
Mathematics C (plane geometry)	1
A second foreign language	
Greek or a modern language,	2
or Latin	3

The remaining credits must be presented from the subjects contained and rated in the list on the preceding page.

COURSE WITHOUT DEGREE

Every candidate desiring to pursue a course varying from the regular curriculum must present the proposed course for approval, must present evidence of special fitness for such work, and must meet the following general requirements for admission:

Subject	*Points*
English 1	2
English 2	1
History (A or B or C or D)	1
Mathematics A (elementary algebra)	1½
Mathematics C (plane geometry)	1
A foreign language	3

In addition four and one-half points must be presented from the subjects contained and rated in the list on the preceding page.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the letters at the left represent the divisions of the subject recognized

by the College Entrance Examination Board and used in designating their examination papers.

Biology

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

Botany

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany*.

Chemistry

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-

acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

English

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

English grammar and composition

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises should comprise narration, description, easy exposition, argument, and letter-writing. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

Literature

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the students should be trained

in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with the place assigned to them in literary history.

A. READING.*—The aim of this course is to foster the habit of intelligent reading and to develop a taste for good literature by giving the student a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1915–1919:

To allow a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid.

(The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tem-*

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–1919. Substitutions in these lists may be accepted, provided they are submitted to the Secretary of the Faculty on or before the first day of February preceding the examination.

*pest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet.**

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield;* Frances Burney, *Evelina;* Scott's Novels, any *one;* Jane Austen's Novels, any *one;* Maria Edgeworth, *Castle Rackrent*, or *The Absentee;* Dickens' Novels, any *one;* Thackeray's Novels, any *one;* George Eliot's Novels, any *one;* Mrs. Gaskell, *Cranford;* Kingsley, *Westward, Ho!* or *Hereward, the Wake;* Reade, *The Cloister and the Hearth;* Blackmore, *Lorna Doone;* Hughes, *Tom Brown's Schooldays;* Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae;* Cooper's Novels, any *one;* Poe, Selected Tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse;* a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, The Sir Roger de Coverley Papers or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, Selections from the *Life of Johnson* (about 200 pages); Franklin *Autobiography;* Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith;* Southey, *Life of Nelson;* Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockhart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humourists;* Macaulay, any *one* of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay;* Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast;* Lincoln, Selections, includ-

*If not chosen for study under B.

ing at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail;* Thoreau, *Walden;* Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table;* Stevenson, *An Inland Voyage and Travels with a Donkey;* Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education* and *A Piece of Chalk;* A Collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

GROUP V. POETRY.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village;* Pope, *The Rape of the Lock;* a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan;* Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon;* Scott, *The Lady of the Lake* or *Marmion;* Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry;* Tennyson, *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*—," *Instans Tyrannus;* Arnold, *Sohrab and*

Rustum, and *The Forsaken Merman;* Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Julius Cæsar*, *Macbeth*, *Hamlet.*

GROUP II. POETRY.—Milton *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas;* Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur;* The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY.—Burke, *Speech on Conciliation with America;* Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns' Poems; Macaulay, *Life of Johnson;* Emerson, *Essay on Manners.*

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. Grammar and Composition.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these

studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature.

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (A) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions, as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language

Association of America. See page 87 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;*

Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche de petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

B. INTERMEDIATE FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie*, *Andromaque*, and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 73 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill should be given in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

GREEK

ELEMENTARY GREEK

A 1. Greek Grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I–IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I–II (omitting Book II 494–end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose

based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

History

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

Latin

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias;* Vergil, *Æneid*, I–VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set

will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

Mathematics

ELEMENTARY MATHEMATICS

A. Algebra to quadratics and beyond.

A 1. Algebra to quadratics.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A 2. Quadratics and beyond.

Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the formulas for the nth term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

Music B. (Harmony)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization

of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

Physics

Candidates should pursue a course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those set by the College Entrance Examination Board.

Physiography

Candidates should master Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Notebook and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

Physiology

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, with special attention to their working. The emphasis should be placed on function. An elementary knowl-

edge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

METHODS OF ADMISSION

EXAMINATIONS FOR ADMISSION

Examinations are held twice every year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. In the case of preliminary examinations a higher passing grade is required than in the case of final examinations, and credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1916

In June, 1916, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 19–24, 1916.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Hamilton Hall, Post Office Station H, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

If the application is received sufficiently early the examination fee will be $5.00 for candidates examined in the United States and Canada and $15.00 for candidates examined outside of the United States and Canada. The fee should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

The applications and fees of candidates who wish to be examined outside of the United States and Canada must reach the Secretary of the Board at least five weeks in advance of the first day of the examinations, that is, on or before Monday, May 15, 1916.

The applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 29, 1916.

The applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River must be received at least two weeks in advance of the first day of the examinations, that is, on or before Monday, June 5, 1916.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the examination centre at which he wishes to present himself,

and a list of all the subjects in which he may have occasion to take the Board's examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon payment of $5.00 in addition to the usual fee.

A list of the places at which examinations are to be held by the Board in June, 1916, will be published about March 1. Requests that the examinations be held at particular points should, to receive proper consideration, be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Wednesday, Thursday, Friday, Saturday, Monday and Tuesday, September 13–19, 1916.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY—SEPT 13

8.30–10.30 A.M	Latin 4
10.45 A.M.–12.30 P.M.	Latin 2
2.00–4.00 P.M.	Latin 5
4.15–6.15 P.M.	French B

SECOND DAY—SEPT. 14	
8.30–10.30 A.M.	Mathematics C
10.45 A. M.–12.30 P.M.	Mathematics D
2.00–4.00 P.M.	German A
4.15–6.15 P.M.	History A, C
THIRD DAY—SEPT. 15	
8.30—10.30 A.M.	Physics
10.45 A.M.–12.30 P.M.	Latin 1
2.00–4.00 P.M.	French A
4.15–6.15 P.M.	German B
FOURTH DAY—SEPT. 16	
8.30–10.30 A.M.	Mathematics A 1
10.45 A.M.–12.30 P.M.	Mathematics A 2
2.00–4.00 P.M.	Botany
	Physiography
	Zoölogy
4.15–6.15 P.M.	History B, D
FIFTH DAY—SEPT. 18	
8.30 –10.30 A.M.	English 1
10.45 A.M.–12.45 P.M.	Chemistry
2.00–4.00 P.M.	English 2
4.15–6.15 P.M.	Greek B
SIXTH DAY—SEPT. 19	
8.30–10.30 A.M.	Greek C, H
	Mathematics B
10.45 A.M.–12.30 P.M.	Greek A
2.00–4.00 P.M.	Mathematics F
4.15–6.00 P.M.	Greek F
	Music B
	Physiology

For Porter Admission Prize see page 109.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place

of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Secretary of the Faculty.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. Certificates will be accepted in modern languages provided they have been pursued during the year preceding the date of admission to College; and certificates for advanced mathematics will be accepted with the understanding that in such cases the student is required to take Mathematics 11 and 2 in College. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board or by The North-Central Association of Colleges and Preparatory Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, Middletown, Conn.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations to the extent to which they cover the requirements of Amherst College, stated on pages 32-48.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes, together with an official certificate showing (a) his entrance credits at that institution, (b) his college record including grade of scholarship in each subject taken, (c) honorable dismissal.

2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. He must satisfy the entrance requirements of Amherst College, using his advanced credits for this purpose if necessary.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. Credit for such courses is regarded as provisional at the time of the applicant's admission to college, and will not be considered as final, nor will the applicant be given final enrollment, until he has satisfactorily completed at least one semester's work in Amherst College.

6. Candidates will be accepted only at the beginning of the year.

7. The applicant must indicate at the time of his admission all his claims for credit.

All applications for admission to advanced standing should be made to the Secretary of the Faculty.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Students who have completed in their preparatory schools studies corresponding to courses given in Amherst College may obtain credit for such courses by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Secretary of the Faculty.

6. Credit thus obtained may be used:

   a. In anticipation of required courses.

   b. To count toward graduation in less than four years. (See page 56.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

CURRICULUM

GENERAL REQUIREMENTS

DEGREE OF BACHELOR OF ARTS

All candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include one year of Mathematics, one year of English, one year of History or Philosophy, two years of Greek or Latin, and two years of science in the group Biology, Chemistry, Physics.

In addition to the forty courses work is required in Public Speaking during the first two years and in Physical Education during the first three years.

In order to receive a degree a candidate must have no outstanding deficiencies in the work of any semester, must have a reading knowledge of German or a Romance Language (French, Italian, or Spanish), and must attain an average grade of seventy per cent for the entire course.

All courses are assigned three hours each week, except the two semesters of required Mathematics and the first two semesters of Greek for beginners, which are four-hour courses.

The course of study must be so arranged that it will include two majors, and both these majors must be completed in the Senior year.

A major consists of six semester courses in the same subject pursued either

(1) during six consecutive semesters, or

(2) during the Junior and Senior years.

It will be seen, therefore, that the two majors required may not be begun until after the Freshman year.

NOTE.—The classes of 1916 and 1917 are permitted to choose between this requirement of majors and the older requirement of three majors and a minor.* Of these three majors at least one must be begun in the Freshman year, and at least one must be completed in the Senior year.

All students are required to take five courses in each semester.

No student is allowed to take more than six courses in a semester.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Committee on Instruction. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

No student is allowed to remain in college over two years with an entrance condition.

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in Public Speaking

*A minor consists of four consecutive semester courses in the same subject pursued during the Junior and Senior years.

and Physical Education, in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Secretary of the Faculty at the beginning of the first year.

Graduation in Three and One-Half Years

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Secretary of the Faculty at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

STUDIES OF FRESHMAN YEAR

New Requirement

Beginning with the Class of 1918

1. English
2. Mathematics *
3. Ancient Language

4, 5. Two subjects out of the following three groups, but not more than one subject from any one group.

- A. Foreign Language
- B. Social and Economic Institutions
- C. Biology, Chemistry, Physics †

6. Hygiene and Physical Education, two thirds of the year
7. Public Speaking, second semester

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

*See note under Mathematics 2, page 79.

† Physics 1–2 is open to those freshmen who have credit for Mathematics D (solid geometry) and F (plane trigonometry), and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

STUDIES OF SOPHOMORE YEAR

New Requirement

Beginning with the Class of 1918

1. Ancient Language, continued.
2, 3, 4. One subject from each of the following groups:
   A. English, Modern Language, Music.
   B. Biology, Chemistry, Mathematics, Physics.
   C. History, Philosophy.
5. Elective.
6. Physical Education, one-half of the year.
7. Public Speaking, first semester.

If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

STUDIES OF JUNIOR YEAR

Old Requirement

Classes of 1916, 1917

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, the required work in Physical Education must be completed.

1. *Major 1.
2. Major 2.
3. Major 3.
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective.

New Requirement

Beginning with the Class of 1918

1. *Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.
6. Physical Education, one-half of the year.

* For the definition of a major see page 55.

STUDIES OF SENIOR YEAR

Old Requirement

Classes of 1916, 1917

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor,* and two elective courses.

New Requirement

Beginning with the Class of 1918

1. Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.

DEGREE OF BACHELOR OF SCIENCE

All candidates for the Degree of Bachelor of Science must complete forty semester courses which shall include one year of Mathematics, one year of Physics, two years of English, and sufficient work in German and a Romance Language to constitute, when associated with entrance credits in those subjects, the equivalent of two years of college work in each.

Of the forty courses required twelve must be chosen from the group Economics, Mathematics, Science. In reckoning these twelve courses the two semesters of Mathematics in the Freshman year may not be counted, and not more than two semester courses in Economics may be included. Sciences taken in the Freshman year may be so counted.

With the exception of the specific requirements indicated above, candidates for this degree are subject to all the rules and requirements which are prescribed in the case of candidates for the Degree of Bachelor of Arts.

* For the definition of a minor see page 56.

COURSE WITHOUT DEGREE

Students who are pursuing studies not leading to a degree are required to take as many courses as are taken by regular students. In the first year they must continue the study of the foreign language presented at entrance, and must take the required courses of Freshman year for which they are prepared, except those for which credit is secured at the time of admission. Other courses may be chosen from the group Biology, Chemistry, Physics, History, and Modern Languages. After the first year all studies are elective.

One having been admitted to college as a special student, not a candidate for a degree, may at any time become enrolled as a candidate for the Degree of Bachelor of Arts by satisfying the requirements for admission to that course.

DEGREE OF MASTER OF ARTS

Every candidate for the Degree of Master of Arts must make application to the Secretary of the Faculty for permission to enter upon a course of study for the degree. This application must be made not later than one week before the first day of the college year.

In the case of undergraduates of Amherst College who expect to complete the work for the Bachelor's degree at the end of the first semester of their Senior year, and who wish to apply the second semester to studies leading to the Master's degree, the application must be in the hands of the Secretary of the Faculty on or before December first of that year.

A blank form of application may be obtained from the Secretary of the Faculty. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Secretary of the Faculty. If this preliminary application is accepted by the Committee on Instruction, the applicant

will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as minors, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 per cent in each of his courses. The amount of work done must be acceptable to the teachers concerned and to the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Faculty.

COURSES OF INSTRUCTION IN DETAIL

In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

A tabulated statement of electives by years will be found on page 90.

Unless the contrary is stated, members of any class are

permitted to elect courses which are open to the members of a lower class.

Art

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

Professor Smith.
(Omitted in 1915–1916.)
Elective for Juniors.

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Professor Baxter.
(Omitted in 1915–1916)
Elective for Juniors.

Astronomy and Navigation

1. General and descriptive astronomy; Todd's *New Astronomy;* lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

2. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)
Tu., Sat., 8.35, Thu., 2, Appleton 1, Professor Todd.
Elective for Juniors.

4. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial,

transit, and spectroscope. The course includes the theory of the construction, adjustment and use of the instruments of the observatory. Each student makes observations and completely calculates or reduces them. The course includes also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 3, 4, and Astronomy 1 requisite.)
Mon., Wed., 9.30, Fri., 3, PROFESSOR TODD.
Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. Old Testament: the formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.
Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; culmination and decline of prophecy; lines of post-exilic literature.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.
Elective for Juniors.

3. New Testament: coming of the Son of Man, and characteristics of His word and work.

PROFESSOR GENUNG.
(Omitted 1915–1916.)
Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

PROFESSOR GENUNG.
(Omitted 1915–1916.)
Elective for Juniors.

Biology

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, Professor Tyler.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, Professor Loomis.
Elective for Freshmen.
Fee, $3.00.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. Professors Tyler and Loomis.
A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.
B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.
Elective for Freshmen.
Fee, $3.00.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

Laboratory work two hours a week.
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Tyler.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Tyler.
Elective for Sophomores.
Fee, $5.00.

4. Evolution and distribution of the vertebrates.

Laboratory work two hours a week.
(Biology 3 requisite.)
A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, Professor Loomis.
B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, Professor Loomis.
Elective for Sophomores.
Fee, $5.00.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)
PROFESSOR GOODALE.
(Omitted in 1915–1916.)
Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Tu., 3, Thu., Fri., 9.30, Appleton 3, PROFESSOR GOODALE.
Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.
Elective for Juniors.
Fee, $5.00.

10. Human Physiology.

Laboratory work two hours a week.
Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.
Elective for Juniors.

11. Biological problems.

(Biology 4 requisite.)
Mon., Wed., Fri., 11.30, Biological Laboratory, PROFESSOR LOOMIS and MR. SHUMWAY.
Elective for Juniors.

12. Anthropology.

(Biology 4 requisite.)
Mon., Wed., Fri., 11.30, Biological Laboratory, PROFESSOR TYLER.
Elective for Juniors.

Chemistry

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professors Hopkins and Doughty, and Dr. Zinn.
Elective for Freshmen.
Fee, $5.00.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, Professors Hopkins and Doughty, and Dr. Zinn.
Elective for Freshmen.
Fee, $4.00.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week.
(Chemistry 1 and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)
Tu., 3–6, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty, and Dr. Zinn.
Elective for Sophomores.
Fee, $10.00.

4. Qualitative analysis; reactions and detection of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week.
(Chemistry 1, 2, and 3 requisite.)
Tu., 3–6, Thu., Fri., 9.30, Chemical Laboratory, Professor Doughty, and Dr. Zinn.

Elective for Sophomores.
Fee, $10.00 each semester.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)
Mon., 2–4, Wed., Thu., 10.30–12.20, Chemical Laboratory, Dr. Zinn.
Elective for Juniors.
Fee, $10.00 each semester.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week.
(Chemistry, 1 2, 3, and 4 requisite.)
Mon., 2–6, Wed., Thu., 10.30, Chemical Laboratory, Professor Doughty.
Elective for Juniors.
Fee, $10.00 each semester.

The following courses are offered for the benefit of students who intend to undertake graduate work in chemistry. They may be taken only by men properly qualified and with the permission of the instructor.

A. Advanced volumetric analysis. Calibration of apparatus; preparation of standard solutions; determination of hydrogen ion concentration by indicators and by hydrogen electrode, leading up to and including modern methods of water analysis.

One semester, Professor Hopkins.
Fee, $10.00.

B. Advanced organic preparations. Preparation and study of typical compounds, involving more difficult manipulation than those studied in courses 7–8.

Two semesters, Professor Doughty.
Fee, $10.00 each semester.

C. Organic analysis. Determination of carbon, hydrogen, nitrogen, sulphur and halogens in organic compounds.

One semester, PROFESSOR DOUGHTY.
Fee, $10.00.

D. Advanced quantitative analysis. Including rock analysis, gas analysis and electro-deposition of metals.

Two semesters, DR. ZINN.
Fee, $10.00 each semester.

The work in each of these courses consists of a minimum of nine hours a week in the laboratory, with assigned reading, conferences and examinations. A year's work can be made up of combinations of these courses, on a semester basis, by consent of the department.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 5, PROFESSOR CROOK.
Tu., 2, Thu., Fri., 8.35, Chapel 4, PROFESSOR HAMILTON.
Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.
Elective for Seniors.

5. Social control of industrial activity.

(Economics 1 and 2 requisite.)
Tu., Sat., 10.30, Wed., 3, Chapel 4, PROFESSOR HAMILTON.
Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)
Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.
Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)
(Omitted in 1915–1916.)
Elective for Seniors.

The department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

In Economics and Political Science a senior course in either subject may be associated with the requisite number of courses in the other, in order to complete a major, or to satisfy the requirement for final honors.

English

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Tu., Thu., Sat., 11.30, Williston 1, Professor Utter.
B. Tu., 2, Thu., Fri., 8.35, Walker 8, Professor Young.
C. Tu., 3, Thu., Fri., 9.30, Walker 8, Professor Whicher.
D. Mon., Wed., 9.30, Fri., 3, Walker 8, Professor Churchill.
E. Tu., Thu., Sat., 11.30, Walker 8, Professor Whicher.
Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Mon., Fri., 10.30, Wed., 2, Williston 1, Professor Young.
B. Tu., Sat., 10.30, Wed., 3, Williston 1, Professor Utter.
C. Tu., Sat., 10.30, Wed., 3, Walker 8, Professor Whicher.
Elective for Sophomores.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker, 7 Professor Genung.
Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.
Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

PROFESSOR CHURCHILL.
(Omitted in 1915–1916.)
Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR UTTER.
Elective for Juniors.

15, 16. An extensive reading of modern drama beginning with Ibsen.

Mon., 2, Wed., Thu., 10.30, Walker 7, PROFESSOR YOUNG.
Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., Sat., 9.30, Thu., 3, 2 North College, PROFESSOR UTTER.

19, 20. The Theory of Poetry: its nature and elements; its forms and modes. Critical study of poems as illustrations and examples.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)
Thu., Fri., 9.30, Tu., 3, Walker 13, PROFESSOR CHURCHILL.
Elective for Seniors.

21. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English.

Professor Churchill.
(Omitted in 1915–1916.)
Elective for Juniors.

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales;* lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer.*

Professor Churchill.
(Omitted in 1915–1916.)
Elective for Juniors.

23. Old English Literature. This course is given in alternate years with the linguistic course, 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Professor Churchill.
(Omitted in 1915–1916.)
Elective for Juniors.

24. Middle English Literature. This course is given in alternate years with 22. Special attention is paid to Middle English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Professor Churchill.
(Omitted in 1915–1916.)
Elective for Juniors.

Geology

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, Professor Emerson.
Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.
Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.
Elective for Juniors.

3. Field and laboratory geology.

(Geology 1 and 2 requisite.)
Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.
Hours arranged at the convenience of the instructors and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

4. Mineralogy continued until the weather allows field work, when a survey will be made of an area of rocks in the Holyoke Range.

(Geology 1 and 2 requisite.)
Two full afternoons a week.
Hours arranged at the convenience of the instructors and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON and MR. WHIPPLE.
Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON.
Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)
Hours arranged at the convenience of the instructor and students.
Geological Laboratory, PROFESSOR EMERSON.
Elective for Seniors.

German

1. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections.

Mon., Fri., 10.30, Wed., 2, Barrett 3, Professor Eastman.

2. Continuation of 1.

Mon., Fri., 10.30, Wed., 2, Barrett 4, Professor Manthey-Zorn.
1 and 2 are equivalent to entrance German A.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Wed., 9.30, Fri., 3, Barrett 4, Professor Manthey-Zorn.
B. Tu., 3, Thu., Fri., 9.30, Barrett 4, Professor Manthey-Zorn.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, Professor Eastman.

5b. The German drama of the nineteenth century; Kleist, Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, Professor Manthey-Zorn.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

A. Tu., 2, Thu., Fri., 8.35, Barrett 3, Professor Eastman.
B. Tu., Sat., 9.30, Thu., 3, Barrett 4, Professor Manthey-Zorn.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, Professor Eastman.
Elective for Sophomores.

9, 10. Modern German drama.

Professor Manthey-Zorn.
(Omitted in 1915–1916.)
Courses 7, 8 are given alternate years with courses 9, 10.
Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

Tu., Thu., Sat., 11.30, Professor Eastman.
Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.
Hours arranged at the convenience of instructor and students.
Professor Eastman.
Elective for Juniors.

Greek

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Fri., 8.35, Chapel 1, Professor Elwell.
Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Greek A, B and C are given to three or more students on application.
To obtain credit for a year course, those who complete Greek C should take Greek 2.
Tu., 3, Thu., Fri., 9.30, Chapel 1, Professor Elwell.
Elective for Freshmen.

1. Homer, *Odyssey.*
2. Plato; *Apology* and *Crito.*

Tu., 3, Thur., Fri., 9.30, Williston 3, Professor Smith.
Elective for Freshmen.

3. Introduction to Greek tragedy. Euripides, *Iphigenia in Tauris*, Sophocles, *Oedipus Rex;* lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

4. Aristotle; *Ethics;* or Marcus Aurelius Antoninus: *To Himself.*

Mon., Wed., 9.30, Fri., 3, Williston 3, Professor Smith.
Elective for Sophomores.

5. Greek historians: Herodotus or Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Juniors.

6. The New Testament: Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, Professor Elwell.
Elective for Sophomores.

7. The later Greek poets: Theocritus, Bion, Moschus; the Greek Anthology.

Professor Smith.
(Omitted 1915–1916.)
Elective for Juniors.

8. Greek drama: Aeschylus, Aristophanes and Menander.

Professor Smith.
(Omitted 1915–1916.)
Elective for Juniors.

9. Greek Literature; Poetry; Selections; lectures.

Tu., 2, Thu., Fri., 8.35, Williston 3, Professor Smith.
Elective for Juniors.

10. Greek Literature; Prose; Selections; lectures.

Tu., 2, Thu., Fri., 8.35, Williston 3, Professor Smith.
Elective for Juniors.

History

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, Professor Thompson.
Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, Professor Thompson.
Elective for Sophomores.

3. English history, 1066–1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, Professor Gallinger.
Elective for Juniors.

5. American history, 1492–1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Professor Gallinger.
(Omitted 1915–1916.)
Elective for Juniors.

6. American history, 1750–1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Professor Gallinger.
(Omitted 1915–1916.)
Elective for Juniors.

9. European history, 1648–1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri., 2, Walker 12, Professor Gallinger.
Elective for Juniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 12, Professor Gallinger.
Elective for Juniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783–1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, Professor Thompson.
Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, Professor Thompson.
Elective for Seniors.

Hygiene and Physical Education

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Athletics, Gymnastics and Dancing, or (B) Aquatics.

Freshmen unable to swim are required to take (B).
Mon., Wed., Fri., 11.30, Gymnasium or Hitchcock Field.

3, 4. Physical exercises in the form of (A) Athletics, Gymnastics and Dancing, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).
Tu., Thu., Sat., 11.30, Gymnasium or Hitchcock Field.

5, 6. Physical exercise, in the form of Athletics, Gymnastics and Dancing.

Tu., Thu., Fri., 4, Gymnasium or Hitchcock Field.

Latin

1. Cicero, *De Senectute* or *De Amicitia:* Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes:* Ovid, *Metamorphoses.*

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, PROFESSOR BENNETT.
B. Tu., Sat., 8.35, Thu., 2, Chapel 6, PROFESSOR LITCHFIELD.
C. Mon., Wed., 9.30, Fri., 3, Chapel 2, PROFESSOR BENNETT.
D. Tu., Thu., Sat., 11.30, Chapel 6, PROFESSOR LITCHFIELD.
E. Mon., 2, Wed., Thu., 10.30, Chapel 6, PROFESSOR LITCHFIELD.
F. Tu., 3, Thu., Fri., 9.30, Williston 4, PROFESSOR COWLES.
Elective for Freshmen.

3. Plautus, *Trinummus;* Terence, *Adelphœ*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania.* Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

A. Tu., Sat., 8.35, Thu., 2, Williston 4, PROFESSOR COWLES.
B. Tu., Sat., 9.30, Thu., 3, Williston 4, PROFESSOR COWLES.
C. Tu., Sat., 9.30, Thu., 3, Chapel 2, PROFESSOR BENNETT.
Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Chapel 6, PROFESSOR LITCHFIELD.
Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca.

Tu., 3, Thu., Fri., 9.30, Chapel 6, PROFESSOR LITCHFIELD.
Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.
Elective for Juniors.

8. Vergil, *Æneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR BENNETT.
Elective for Juniors.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics B, D, and F are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented ½ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30, Mon., 4, Thu., 3, Walker 2, PROFESSOR COBB.
B. Tu., Sat., 8.35, Mon., 3, Thu., 2, Walker 5, PROFESSOR ESTY.
C. Tu., Sat., 10.30, Mon., Wed., 3, Walker 5, PROFESSORS OLDS and ESTY.
D. Tu., Sat., 8.35, Mon., 3, Thu., 2, Walker 2, PROFESSOR COBB.
E. Tu., Sat., 10.30, Mon., 4, Wed., 3, Walker 2, PROFESSOR PARKER.
Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.
Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSOR OLDS.
Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Olds.
Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, Professor Esty.
Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Esty.
Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

Course 10 is given alternate years with Course 8.
Professor Olds.
(Omitted 1915–1916.)
Elective for Seniors.

10. Introduction to the theory of functions.

Mon., Wed., 9.30, Fri., 3, Walker 2, Professor Cobb.
Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of descriptive geometry, drawing and lettering.

(Solid geometry requisite.)
Three class-room exercises and six hours of drawing per week.
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.
Elective for Freshmen.

12. Advanced descriptive geometry and drawing.

(11 requisite.)
Three class-room exercises and six hours of drawing per week.
Tu., Sat., 8.35, Thu., 2, Walker 11, Professor Parker.
Elective for Freshmen.

13. Descriptive geometry of warped surfaces and perspective drawing.

(11, 12 requisite.)
Nine hours per week arranged at the convenience of the instructor and students.
Walker 11, PROFESSOR PARKER.
Elective for Sophomores.

14. Mechanical drawing; shades and shadows.

(11 requisite.)
Nine hours per week arranged at the convenience of the instructor and students.
Walker 11, PROFESSOR PARKER.
Elective for Freshmen.

MUSIC

1, 2. Theory of music; harmony.

Mon., Wed., 11.30, Music Room, PROFESSOR BIGELOW.
(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.00.)
Elective for Sophomores.

3, 4. The art of music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)
Mon., Wed., 8.35, PROFESSOR BIGELOW.
Elective for Sophomores.

5, 6. The music dramas of Richard Wagner. *Die Meistersinger*, *Der Ring des Nibelungen*, *Parsifal*, etc., as time may permit.

This course may be used to complete a major in either Music or German.
Pianos and a large orchestrelle are placed at the disposal of students taking these courses.
Tu., Thu., Sat., 11.30, Music Room, PROFESSOR BIGELOW.
Elective for Juniors.

7, 8. Chorus and orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.00, PROFESSOR BIGELOW.

During the college year 1915–1916 the two oratorios *Messiah* and *Creation* will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a required subject or in a major or a minor. Special registration at the Octagon is required for Courses 7 and 8.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Philosophy

1. Logic. A study of the aims and methods of thinking.

Tu., 2, Thu., Fri., 8.35, Walker 8, Professor Meiklejohn and Mr. Ayres.
Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Walker 10, Professor Newlin.
Elective for Sophomores.

3. General psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.
Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, Professor Toll.
Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Newlin.
Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, Professor Toll.
Elective for Juniors.

7, 8. Philosophy. Political ethics, involving a critical study of the basis of sovereignty and of State, of the fundamental social relationships, and of their manifestations in the fields of government, business, philanthropy, etc.; aesthetics; and the philosophy of religion. During the second semester students of high rank will be permitted, subject to the instructor's approval, to do special work in the study of some current social problems in the light of philosophical principles.

1, 2 or 5, 6 requisite.
Mon., 2, Wed., Thu., 10.30, Walker 10, Professor Newlin.
Elective for Seniors.

Physics

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, Professors Kimball, J. O. Thompson and Westhafer.
Elective for Sophomores (see note, p. 57).
Fee, $5.00 each semester.

Students who are credited with courses 1 and 2 may choose either Course 3 followed by 4, 6 or 8, or Course 5 followed by 4 or 6.

3. Diffraction and polarized light, heat and elementary thermodynamics.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR KIMBALL.
Elective for Juniors.
Fee, $7.00.

4. Electricity, magnetism, and electrical measurements.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON.
Elective for Juniors.
Fee, $7.00.

5. Dynamo-electric machinery, and theory of alternating currents of electricity.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.
Elective for Juniors.
Fee, $7.00.

6. Electric discharge through gases; radioactivity and electric waves.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.
Elective for Juniors.
Fee, $7.00.

8. Thermodynamics applied to problems in physical chemistry.

Appointments arranged at convenience of the instructor and the class.
Physical Laboratory, PROFESSOR WESTHAFER.
Elective for Juniors.

9, 10. Advanced laboratory work, with reports and abstracts upon special topics, open, subject to the approval of the instructor, to those who have completed four semesters in physics. Six hours laboratory work each week.

Three laboratory periods of two to three hours every week.

Appointments arranged at the convenience of the instructor and the class.
Physical Laboratory, Professor Kimball.
Elective for Seniors.
Fee, $7.00 each semester.

Political Science

1. American national government. A discussion of the historical background of the federal Constitution and of political issues in the United States and an analysis of the organization and functions of the federal government. Especial attention is given to the actual working of the federal system and to the position of the United States in foreign affairs.

Tu., Sat., 9.30, Thu., 3, Walker 12, Professor Gettell.
Elective for Juniors.

2. American state and local government. A discussion of the relation of the American commonwealths to one another and to the Union, and of the organization and functions of government in American commonwealths, in our dependencies, in rural local units, and in cities. Especial attention is given to present conditions and problems in municipal government.

Tu., Sat., 9.30, Thu., 3, Walker 12, Professor Gettell.
Elective for Juniors.

3. Principles of political science. An examination of the fundamental nature of the state, of government, sovereignty, liberty and law; a consideration of the relation of state to individual and of state to state, and a classification of states and governments.

Mon., Wed., 9.30, Fri., 3, Walker 12, Professor Gettell.
Elective for Seniors.

4. Comparative European government. A comparative study of the organization and actual working of govern-

ment in the leading states of Europe. Especial attention is given to England, France, Germany, Switzerland, and Austria-Hungary.

Mon., Wed., 9.30, Fri., 3, Walker 12, Professor Gettell.
Elective for Seniors.

6. Development of political theory. A seminar course dealing with the development of political thought, as expressed in the writings of political theorists and in actual political institutions. Attention will be given to the relation of political thought to the economic and philosophical theories of the times.

In political science and economics a Senior course in either subject may be associated with the requisite number of courses in the other, in order to complete a major, or to satisfy the requirement for final honors.

(Political Science 3 requisite.)
Tu., Sat., 10.30, Wed., 3, Walker 12, Professor Gettell.
Elective for Seniors.

Public Speaking

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, Professor Corsa.
Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Professor Corsa.
Required of all Sophomores.

5, 6. Lectures; examples for praxis; fundamentals of oral expression; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35, Thu., 2, Chapel 7, Professor Corsa.
Elective for Juniors.

This course ends May 1st. To count for the degree, Courses 5 and 6 must be supplemented by Course 7, which must be taken as an extra course in Senior year.

7. Debates on social, economic, historical, and political questions.

(5, 6 requisite.)
Tu., 4, Chapel 7, PROFESSOR CORSA.
Elective for Seniors.
This is a one-hour course continuing till the end of the first semester. It may count for a degree only when taken as an extra course in combination with Courses 5 and 6.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to entrance French A.*

A. Tu., 2, Thu., Fri., 8.35, Barrett 7, PROFESSOR STOWELL.
B. Mon., 2, Wed., Thu., 10.30, Barrett 7, PROFESSOR STOWELL.
Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to entrance French B.*

A. Tu., 3, Thu., Fri., 9.30, Barrett 7, PROFESSOR STOWELL.
B. Tu., Sat., 8.35, Thu., 2, Barrett 8, PROFESSOR LANCASTER.
Elective for Freshmen.

5, 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A. Tu., Sat., 9.30, Thu., 3, Barrett 8, PROFESSOR LANCASTER.
B. Tu., Sat., 10.30, Wed., 3, Barrett 8, PROFESSOR LANCASTER.
Elective for Freshmen.

7, 8. The Novel.

(5 and 6 requisite.)
Mon., Fri., 10.30, Wed., 2, Barrett 8, PROFESSOR STOWELL.
Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.)
Tu., Thu., Sat., 11.30, Sprague-Smith Room, Library, Professor Lancaster.
Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)
Hours arranged at the convenience of the instructor and students.
Sprague-Smith Room, Library, Professor Stowell.
Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10 with a mark of 80 per cent or higher.
Professors Lancaster and Stowell.
(Omitted 1915–1916.)
Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

Tu., Sat., 9.30, Thu., 3, Barrett, 6, Professor Child.
Elective for Sophomores.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Professor Baxter.
(Omitted 1915–1916.)
Elective for Juniors.

5, 6. Dante, *Divina Commedia* (Scartazzini); lectures on Dante; the literature of the Renaissance.

Tu., 4, Wed., Thu., 10.30, Barrett 6, Professor Child.
Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation.

These courses may not be taken in the same year with Italian 1, 2.
Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR CHILD.
Elective for Sophomores.

3, 4. Reading of modern novels, review of grammar, composition.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR CHILD.
Elective for Juniors.

SOCIAL AND ECONOMIC INSTITUTIONS

1. A study of social and political institutions and problems intended to serve as an introduction to courses in History and Political Science.

Mon., 2, Wed., Thu., 10.30, Walker 12, PROFESSOR GETTELL and MR. AYRES.
Elective for Freshmen only.

2. A study of social and economic institutions and problems intended to serve as an introduction to courses in Economics and Philosophy.

Mon., 2, Wed., Thu., 10.30, Chapel 4, PROFESSOR HAMILTON and MR. AYRES.
Elective for Freshmen only.

LIST OF ELECTIVES

A course scheduled as an elective for one class is open to members of any higher class.

	Freshmen	*Sophomores*	*Juniors*	*Seniors*
Art	....	....	1, 2	....
Astronomy	....	....	1, 2	4
Biblical Literature	....	....	1, 2, 3, 4	....
Biology	1, 2	3, 4, 5, 6, 7, 8	9, 10, 11, 12	....
Chemistry	1, 2	3,4	5, 6, 7, 8	....
Economics	....	....	1, 2	3, 5, 8, 10
English	....	5, 6	7–16, 21–24	17–20
French	1–6	7, 8	9,10	11, 12
Geology	....	....	1, 2	3–8
German	1–6	7–10	11, 12	....
Greek	A, B, C, 1, 2	3, 4, 6	5, 7, 8, 9, 10	....
History	....	1, 2	3–10	11, 12
Italian	....	1, 2	3–6	....
Latin	1, 2	3, 4	5–8	....
Mathematics	11, 12, 14	3, 4, 13	5, 6	7–10
Music	7, 8	1, 2, 3, 4	5, 6	....
Philosophy	....	1, 2	3–6	7, 8
Physics	†1, 2	....	3–8	9,10
Political Science	....	....	1, 2	3, 4, 6
Public Speaking	....	....	5, 6	7
*Social and Economic Institutions	1, 2	....	....	....
Spanish	....	1, 2	3, 4	....

*For Freshmen only. †See footnote, page 57.

LECTURESHIPS

The Henry Ward Beecher Lectureship

This lectureship was founded by Frank L. Babbott, M.A., of the Class of 1878 in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social and Economic Sciences.

The Clyde Fitch Fund

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

William Brewster Clark Memorial Lectureship

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M.D., of the Class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

ADMINISTRATION

TERMS AND VACATIONS

The academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of eight days, and a Summer Vacation of thirteen weeks. Commencement Day is the Wednesday before the last Wednesday in June. Courses of study are arranged by semesters, or half years, of eighteen weeks each.

ADVISERS

Immediately upon entering college, every Freshman is required to submit his list of studies to the Registrar for approval. In the course of the year a member of the Faculty will be assigned as his adviser, and the student will be expected to consult him as to his course in general, and upon any other subject related to his college life whenever he feels the need.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance on college exercises is the Dean of the Faculty.

Attendance at class exercises is administered subject to the general regulation that a student is allowed in every course a number of absences which may not exceed one-tenth of the number of exercises in that course.

In case he exceeds this allowance, he incurs a penalty of reduction in grade for the first offence, and for a second offence exclusion from the course for the remainder of the semester.

All students are required to be present at the chapel exercises conducted by the President each week-day morning at

quarter past eight o'clock in Johnson Chapel. At the Sunday service, held every Sunday in term time at a quarter before eleven o'clock in the College Church, all students not excused to attend elsewhere are required to be present. A communion service is held in the College Church three times during the year. Absences from chapel exercises are allowed upon an average of one a week for each semester; from the Sunday services, four absences are allowed each semester. Any student, on application to the Dean, may be excused from attending services at the College Church, in order to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

HEALTH AND PHYSICAL DEVELOPMENT

The officer in general charge of supervision of student health and physical development is the Head of the Department of Physical Education.

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes until the spring recess. A limited number of students are excused from attendance at gymnasium classes while they are actively training for one of the athletic teams of the college.

During the autumn the prescribed work is taken outdoors at Hitchcock Field.

In the natatorium instruction in swimming is given.

Every student who on entering College cannot swim is required to learn during the first year, and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, as shown by statistics systematically kept for more than fifty years, are eminently satisfactory.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

The College has an infirmary (see p. 98) for the treatment of illness or disabling accidents among the students. It is in charge of the College Physician in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements provide surgical appliances for emergency cases, and isolation and treatment of infectious diseases. The matron, a graduate nurse, is ready at all hours during term time to relieve ill or disabled students, and to provide for their necessities pending any arrangements for special treatment.

Every case of illness, whether the student goes to the infirmary or not, must be immediately reported to the College Physician.

SCHEDULES, RECORDS, AND REPORTS

The officer in charge of records and reports is the Registrar of the College.

For the convenience of members of the College there is provided a printed schedule of all class exercises, a synopsis of courses for use when the election of studies is being made, and a set of rules and requirements that relate to the internal life of the College. These, together with copies of the Annual Catalogue, may be obtained at the Registrar's office.

Every student, upon admission to College, is given an

Undergraduate Course Book, containing the rules and requirements of the College and space for his record in College. This course book is returned to the Registrar twice a year for additional records and verification.

Reports of standing are made after each semester by the Registrar. Rank in each subject is reported as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent. D, 60–69 per cent; E, 50–59 per cent; F, below 50 per cent. The passing grade in all departments is 60 per cent.

The average grade for each semester and the general average for all semesters are reported on the percentage basis.

EXPENSES

All communications concerning tuition, fees, and rental of rooms should be made to the Treasurer of the College.

Tuition

The charge for tuition is one hundred and forty dollars a year, of which eighty dollars is required in advance at the beginning of the first semester, and sixty dollars at the beginning of the second semester. This includes use of the library and gymnasium, and all ordinary incidentals.

Every member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

Laboratory Fees

The following fees are charged in connection with the laboratory courses in Biology, Chemistry, and Physics:

Biology	First year, each semester	$3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00

Chemistry	First year, first semester	$5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester	10.00
Physics	First year, each semester	5.00
	Second and third years, each semester	7.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

Rooms and Board

The dormitories of the College accommodate about two hundred students, and the fraternity houses about two hundred and fifty.

The arrangement of rooms in the dormitories is such that they may be rented singly or in suites consisting of a study and either one or two bedrooms. All rooms are heated with steam and lighted with electricity, and most of them are provided with open fireplaces.

Plans showing the arrangement of rooms in the various dormitories, together with a detailed statement of prices, may be obtained from the Treasurer of the College.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental

is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the autumn term opens.

The prices charged for rooms include heat, water, and care by janitors. Electricity used in the rooms is paid for by the occupants at the close of each term. The range of prices, irrespective of the number of occupants, is as follows:

Single rooms from $55 to $95 a year.
Study and one bedroom from $100 to $180 a year.
Study and two bedrooms from $200 to $225 a year.

Rooms may also be rented in private houses.

Board is furnished at various places in the town at prices which range from five dollars and a half to seven dollars a week.

Summary

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership in student organizations, and incidentals:

Tuition	$140.00	$140.00	$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00

Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
	$400.50	$446.00	$559.50

For the use of the College Infirmary (see p. 94), each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the Class of 1844, and one in memory of Rev. Thomas P. Field, D.D., of the Class of 1834.

HONORS

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

The Bond Fifteen for 1915

*Walter Raymond Agard
George Leon Cutton
Gardner Pettee Eastman
Louis Franklin Eaton
Everett Webb Fuller
Phillips Foster Greene
Stuart Franklin Heinritz
*Charles Hamilton Houston
Robert Andrew McCague
*Sidney Raymond Packard
Hollis Winslow Plimpton
Homer Morgan Smith
*James Kellum Smith
*Joseph Lyons Snider
Edward Alfred Van Valkenburgh

The Bond Prize was awarded in 1915 to Walter Raymond Agard.

THE PHI BETA KAPPA SOCIETY

Those who, at the end of the second term of Junior year, have attained a grade of 88 per cent. are entitled to nomination by the Faculty to membership in the Phi Beta Kappa Society; such nomination is open also to those who, at the end of the second term of the Senior year, have attained a grade of 85 per cent. For the current year, those who, at the end of their Junior year, attained a grade of 85 per cent, were, on recommendation of the Faculty, elected members of the society.

* Selected by competition as Commencement Speakers.

Phi Beta Kappa 1915

President: Professor John M. Tyler, ph.d.
Corresponding Secretary: Professor Levi H. Elwell, m.a.
Recording Secretary: Humphrey F. Redfield.

First Drawing, Class of 1916

William Goodwin Avirett
Eugene Stinson
Humphrey Fuller Redfield

Second Drawing, Class of 1916

Tony Barone
Julius Seelye Bixler
Lewis Mansfield Knapp
Wilbur Clark Knowlton
Robert Matthews Proctor
Robert Williams Smith

Second Drawing, Class of 1915

Kenneth Whittemore Banta
Gardner Pettee Eastman
Everett Webb Fuller
Phillips Foster Greene
Charles Hamilton Houston
Robert Andrew McCague
William Henry Mandrey
George Keyes Ripley
Homer Morgan Smith
James Kellum Smith
Joseph Lyons Snider
Edward Alfred Van Valkenburgh
George Deming Whitmore

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the

last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

The names of successful candidates are announced at Commencement and in the annual catalogue.

Final Honors 1914–1915

Francis Wesley Blair	*Chemistry*
Walter Raymond Agard	*English*
Charles Hamilton Houston	*English*
William Henry Mandrey	*History*
Sidney Raymond Packard	*History*
Louis Franklin Eaton	*Philosophy*

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Honorable Mention

1914–1915

Astronomy

1915 Homer Morgan Smith

Biblical Literature

1915 Arthur Henry Elliot
1915 Harold Chase Many
1915 William Henry Mandrey
1916 Humphrey Fuller Redfield

Biology

1915 Leslie Tillotson Webster
1918 Carter Lyman Goodrich
1918 Alvin Emerson Harris

Chemistry

1915 Everett Webb Fuller
1916 Wilbur Clark Knowlton
1917 Harold Addison Smith
1916 Tony Barone
1917 Morris Albert Copeland
1918 David Daniel Bixler
1918 William Henry Michener

Economics

1915 Sidney Raymond Packard
1916 Robert Williams Smith

English

1915 Walter Raymond Agard
1916 Eugene Stinson
1918 Charles Chanin
1918 Theodore Meyer Greene
1916 Robert Williams Smith
1917 Edward Merrill Root
1918 Carter Lyman Goodrich
1918 Allan Frederic Saunders

French

1915 Sidney Raymond Packard

German

1915 Sidney Raymond Packard
1915 Stuart Franklin Heinritz
1916 Eugene Stinson
1917 Norman Rhode Lemcke

Greek

1915 Walter Raymond Agard
1917 Hilmar Ernst Rauschenbusch
1916 Scott Milross Buchanan
1917 Morris Albert Copeland
1918 Sigourney Thayer

History

1915 Maurice Scott Bulger
1915 John Merriman Gaus
1915 William Henry Mandrey
1915 Arthur Hoyt Washburn
1915 Gardner Pettee Eastman
1915 Wilson Macdonald
1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton
1916 William Goodwin Avirett
1916 Humphrey Fuller Redfield
1917 Hilmar Ernst Rauschenbusch

Latin

1915 Harold Chase Many
1917 George Everett Baril
1917 Harold Addison Smith
1918 Alvin Emerson Harris
1916 Robert Williams Smith
1917 Edward Merrill Root
1918 Carter Lyman Goodrich
1918 Harold F. Johnson
1918 William Henry Michener

Mathematics

1915 John Clifford Hayner
1915 James Kellum Smith
1917 Paul Alexander Jenkins
1918 Roger Edward Bednarski
1918 Alvin Emerson Harris
1915 Homer Morgan Smith
1917 Elbridge Alvah Goodhue
1917 Harold Addison Smith
1918 Carter Lyman Goodrich
1918 William Henry Michener
1918 Allan Frederic Saunders

Music

1915 James Kellum Smith
1916 Eugene Stinson

Philosophy

1915 Gardner Pettee Eastman
1917 Morris Albert Copeland

Physics

1915 Hollis Winslow Plimpton
1917 Charles James Jessup
1915 Edward Alfred VanValkenburgh
1917 Harold Addison Smith

Romance Language

1915 Edward Alfred VanValkenburgh
1916 Robert Williams Smith
1917 Edward Merrill Root

FELLOWSHIPS

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the

incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of about five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

PRIZES

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study:

ENGLISH

The Armstrong Prizes, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1915: first prize to Carter Lyman Goodrich; second prize to Theodore Meyer Greene; third prize to Allan Frederic Saunders, of the Class of 1918.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen, of the Class of 1879. For the year 1915–1916 the prize will be assigned for the best work in the English course, 9 and 10, together with the best examination upon the comedies of Congreve.

Awarded in 1915, to Douglas Clark Stearns of the Class of 1916.

The Folger Prizes, of one hundred, fifty, and twenty-five dollars, given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class. For the year 1915–1916 the subject assigned is "A Critical Comparison of *Richard III* and *Macbeth.*

Awarded in 1915: first prize to Wilson Macdonald of the Class of 1915; second prize to Gardner Pettee Eastman of the Class of 1915.

The Mitre Prizes for imaginative writing. Offered annually through *The Mitre*, a literary organization of the college, by F. Prentice Abbot, Jr., of the Class of 1911. They include various sums for a novelette, one-act play, short story, verse, etc. Detailed announcement of these prizes is made at the beginning of each college year.

Awarded in 1915: $25 for short story, Stuart Franklin Heinritz of the Class of 1915, with honorable mention to Francis Robert Otte of the Class of 1916; $20 for verse, Thomas Boston Munro of the Class of 1916, with honorable mention to Edward Merrill Root of the Class of 1917; $15 for familiar essay, Edward Merrill Root of the Class of 1917, with honorable mention to Walter Raymond Agard of the Class of 1915.

GREEK

THE HUTCHINS PRIZE, of fifty dollars, given by the late Waldo Hutchins of the Class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1915–1916 to Scott Milross Buchanan of the Class of 1916.

LATIN

THE BERTRAM PRIZES, of fifty dollars each, given by the late John Bertram of Salem. For the year 1915–1916, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Æneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

In 1915 the first prize was divided equally between Harold Chase Many of the Class of 1915 and William Gates, Jr., of the Class of 1916.

The second prize was awarded to Harold Chase Many of the Class of 1915.

TWO JUNIOR PRIZES, of thirty dollars each. For the year 1915–1916 one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1915 to Homans Robinson of the Class of 1916 and Henry Walter Barnes, Jr., of the Class of 1916.

THE BILLINGS PRIZES, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1915 the sum of thirty dollars was awarded to Edward Merrill Root of the Class of 1917 and twenty dollars to Robert Williams Smith of the Class of 1916.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award is determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1915: first prize to Carter Lyman Goodrich of the Class of 1918; second prize to Charles Chanin of the Class of 1918.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island. Two prizes, of fifty and thirty dollars, in the mathematics of the first year.

Awarded in 1915: first prize to Carter Lyman Goodrich of the Class of 1918; second prize to Alvin Emerson Harris of the Class of 1918.

Two prizes of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1915: first prize to Elbridge Alvah Goodhue of the Class of 1917; second prize to Harmon Shove Boyd of the Class of 1917.

The award in each case is determined by an examination.

The Porter Prizes, of twenty and of ten dollars for proficiency in first year physics and astronomy respectively, given by the late Eleazer Porter of Hadley.

In 1915 the prize in Physics was divided between Harold Addison Smith of the Class of 1917 and Edward Alfred Van Valkenburgh of the Class of 1915.

The prize in Astronomy was awarded to Homer Morgan Smith of the Class of 1915.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1915 to George Keyes Ripley of the Class of 1915.

A Prize of Thirty Dollars, given by a member of the Class of 1884, for proficiency in the second year's course in Physics.

Awarded in 1915 to Everett Webb Fuller of the Class of 1915; honorable mention to Harold Edmund Sawyer of the Class of 1916.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior Class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given

by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Divided in 1915 between Leslie Tillotson Webster of the Class of 1915 and Tony Barone of the Class of 1916.

The A. Lyman Williston Prizes in Physical Education, of seventy-five dollars, given by the late A. Lyman Williston of Northampton in memory of his friend, teacher and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock. These prizes are continued by his son, Robert L. Williston.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

Awarded in 1915: first prize to Charles Chanin of the Class of 1918; second prize to Carter Lyman Goodrich of the Class of 1918.

To the two members of the Junior Class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars.

Awarded in 1915: first prize to Alfred Hamlin Washburn of the Class of 1916; second prize to George Homer Lane of the Class of 1916.

A Scholarship of Fifty Dollars at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

Awarded in 1915 to Leslie Tillotson Webster of the Class of 1915.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1915 to Leonard Page Moore of the Class of 1919, who prepared for College at the East Orange, N. J., High School, with honorable mention to Charles Scott Porter of the Class of 1919, who prepared for College at the Northampton High School.

PUBLIC SPEAKING

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class,

given by the late Rufus B. Kellogg, of the Class of 1858 for excellence in declamation.

Awarded in 1915 to Irving Lewis Spear of the Class of 1917, and Harry Shepro of the Class of 1918.

The Hardy Prizes, of thirty and twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1915: first prize to Joseph Lyons Snider of the Class of 1915; second prize to Walter Raymond Agard of the Class of 1915.

The Hyde Prize, of one hundred dollars and a bronze relief of Lincoln, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior Class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1915 to John Uhrich Reber of the Class of 1916.

The Rogers Prize, of seventy dollars in books, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Awarded in 1914 to Julius Seelye Bixler, William Cole Esty, 2d, Francis Robert Otte, John Uhrich Reber, Humphrey Fuller Redfield, George Winslow Washburn, of the Class of 1916.

OTHER PRIZES

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be used in connection with the annual exhibition of heavy gymnastics.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement; also a bronze plaque with the inscription Pro Singulari Merito, given by the Class of 1894. This prize is awarded at the conclusion of the course.

Awarded in 1915 to Walter Raymond Agard of the Class of 1915.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or grad-

uate of not more than three year's standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to the rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1915 to the Class of 1915.

SCHOLARSHIPS AND BENEFICIARY AID

The officer directly in charge of the administration of scholarships and beneficiary aid is the President of the College.

The beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90% to 100%), of the second grade, to students whose average standing is B (80% to 89%); of the third grade, to students whose average standing is C (70% to 79%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The Moore Beneficiary Fund, $19,000, established by Rev. Zephaniah Swift Moore, D. D., first president of the college.

The William Hilton Scholarship Fund, $22,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $11,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class of 1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Addison Brown Scholarship Fund, $5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior Class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore and Junior years.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucius J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

The Class of 1861 Scholarship Fund, $3000, established by the Class.

The Class of 1878 Scholarship Fund, $3000, established by the Class.

The Class of 1880 Scholarship Fund, $3000, established by the Class.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Charles Merriam Scholarship Fund, $2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class of 1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class of 1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.

The Class of 1853 Scholarship Fund, $1500, established by the Class.

The Class of 1871 Scholarship Fund, $1500, established by the Class.

The Class of 1855 Scholarship Fund, $1100, established by the Class.

The Class of 1826 Scholarship Fund, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class of 1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class of 1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class of 1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler, Class of 1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1853
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years

after graduation. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students of thorough scholarship whose habits of expenditure are economical.

The committee on student loans meets weekly for the consideration of applications. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

BUILDINGS AND GROUNDS

SITUATION

The town of Amherst lies in the Connecticut Valley about one hundred miles west of Boston, and almost the same distance north of New Haven, on the eastern border of the valley, some four miles from the river. The College stands on the top of a hill with an outlook over the town and the valley, westward to the distant Berkshire and Hampshire hills, southward to the Holyoke Range, eastward to the Pelham Hills, and northerly to Mount Toby and Sugar Loaf. From any building and from most points on the grounds there is a broad outlook over beautiful scenery. Most of the buildings are on the hill, grouped about the Campus. On the other side of Pleasant Street, the main thoroughfare of the town, are the Library, College Hall, and the President's House. About five minutes' walk from the Campus are the Observatory, Pratt Field, and Pratt Skating Rink. The Pratt Health Cottage is farther away, on the northern edge of the town.

BUILDINGS AND EQUIPMENT

The buildings about the Campus are the dormitories, laboratories, chapel, church, gymnasium, and the buildings used for class-rooms and administrative offices. Walker Hall, which is the focus of most of the paths on the grounds, contains the offices of the Dean, the Secretary, the Treasurer, and the Registrar, and many class-rooms. Barrett Hall has class-rooms for German and Romance languages; Williston Hall for Latin, Greek, and English. Other class-rooms are in the Chapel building, the Octagon, and the laboratory buildings.

The Henry T. Morgan Library contains about a hundred and ten thousand books, freely available to students. The reading room has foreign and American periodicals, reference books, and books temporarily reserved for the use of the students in the various courses.

Fayerweather Laboratory houses the departments of Physics and Chemistry. In the south wing the Department of Physics has a large lecture room with apparatus room adjoining, library and reading room, recitation room, laboratories for elementary experimental work, for work in electricity and for research, a balance room, dark rooms for photographic and for general work, an optical room, and a spectroscope room equipped with a concave grating spectroscope. In the basement are battery rooms, a room for special researches, a workshop and dynamo room with steam and water power. In the north wing of the building, the Department of Chemistry has general lecture and recitation rooms, a library and reading room, laboratories for general, analytical and organic chemistry, and also a complete equipment for water and gas analysis.

The biological and geological laboratories occupy a large new building on the south side of the Campus, commanding a wide and varied view which affords ready illustrations of many geological phenomena. Besides lecture and class-rooms, laboratories and work rooms, the building contains the museums of the two departments. In the biology museum are the Adams collection of shells, a part of Audubon's celebrated collection of birds, a synoptic collection of the animal kingdom, and a collection of fossil vertebrates. The geology museum has the Woods cabinet, which contains about twenty-five thousand specimens of minerals, including the general American and European collections, the State Survey collections of New Hampshire, Vermont, Massachusetts and Connecticut, and the Shepard

meteorite collection. In other rooms are shown the Hitchcock Ichnological collection of some twenty thousand tracks of animals in stone, and casts of living and extinct species. Appleton Cabinet contains the anthropological collection, and an unusually complete and interesting collection of Indian relics.

The Observatory has two domes, the larger of which, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The smaller has a seven and one-fourth inch refractor. The equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The Chapel and the College Church stand respectively on the west and the east borders of the Campus. Morning exercises are held in the Chapel on week-days, and regular Sunday services in the Church.

The Octagon is used exclusively by the Department of Music. It has rooms arranged for classes, practice, and chorus and orchestra rehearsal. A grand piano and an Aeolian orchestrelle are provided for use in classes, and by students for purposes of study.

North and South Colleges, and Morris Pratt Memorial Dormitory, are the college dormitories. The two former are two of the oldest, and the latter one of the newest, of the college buildings. All three buildings are heated by steam and lighted by electricity. Most of the rooms have open fire-places, and all have hardwood floors. Morris Pratt Memorial Dormitory is of fire-proof construction throughout, and has a large and beautiful resort room on the first floor. The dormitories have single rooms and suites consisting of a study and one or two bedrooms.

College Hall is a large, old-fashioned building, once the village church, now the main assembly hall of the College.

It is used for the Commencement exercises, and for all the larger gatherings, such as student mass-meetings, and public lectures.

The Mather Art Museum occupies the third floor of Williston Hall, and the vestibule and stairway leading to it. It consists of plaster casts, principally of Egyptian, Mycenaean, Greek, and Roman sculpture, with a number of examples of Renaissance and later sculpture, both in relief and in the round. Further resources for the study of art are found in the library, and in some of the class-rooms. In addition to the catalogued books and photographs, the library has in the vestibule several Assyrian slabs, with inscriptions in cuneiform characters, which were obtained by the late Henry Lobdell, D.D., of the Class of 1849, from the walls of the palace of Assurnazirpal at Nimroud. The Latin and Greek rooms in Williston Hall have many casts in bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides.

The Pratt Gymnasium contains, in the main building, the large hall with ample space and equipment of apparatus for general and specialized exercises, the offices of the Department of Physical Education, a fencing and wrestling room, bowling alleys, a sparring room, and a baseball cage. A wing known as the Pratt Natatorium contains a swimming-pool seventy-five feet long and twenty-two feet wide, and large and small squash-racquet courts.

Hitchcock Memorial Field, named in honor of Dr. Edward Hitchcock, '49, adjoins the Gymnasium, It has about forty acres as exercising ground for the entire College. It has at present six tennis courts, two basket ball courts, a board running track, a baseball diamond, and two soccer fields. When fully developed the field will accommodate at one time about three hundred men for different forms of exercise. About one sixth of the field

has been developed, and the rest is being completed as fast as funds are forthcoming.

Pratt Field, given to the College by Frederic B. Pratt of the Class of 1887, has an area of about thirteen acres, and is used chiefly for intercollegiate games. It has a quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and has dressing-rooms and shower-baths for contestants.

Pratt Skating Rink, given to the College by Charles M. Pratt of the Class of 1879, adjoins Pratt Field. It has an area of 200 x 115 feet for ice skating, and a bungalow equipped with heating apparatus and lockers.

Pratt Health Cottage is the college infirmary. It stands on high ground north of the College, commanding a wide view in every direction. Its space and equipment are sufficient for the accommodation and care of students temporarily disabled by accident or disease.

SUMMARY OF BUILDINGS

WITH THE NAMES OF THE DONORS AND DATES OF ERECTION

South College, built in 1820, restored in 1892.

Johnson Chapel, built in 1827, named in honor of the chief donor, Adam Johnson of Pelham.

North College, built in 1828, restored in 1893.

The Octagon, built in 1847, and remodeled in 1909, formerly called Lawrence Observatory and Woods Cabinet, named in honor of the donors, Hon. Abbott Lawrence of Boston and Hon. Josiah B. Woods of Enfield.

Henry T. Morgan Library, built in 1853 with funds received from the estate of Henry T. Morgan of New York.

Appleton Cabinet, built in 1855 with funds received from the estate of Samuel Appleton of Boston.

Williston Hall, built in 1857, named in honor of the donor, Hon. Samuel Williston of Easthampton.

Barrett Hall, formerly Barrett Gymnasium, the first college gymnasium in the country, built in 1860, remodeled in 1907 with funds received from the estate of Edward A. Strong, '55, named in honor of the chief donor, Dr. Benjamin Barrett of Northampton.

College Hall, purchased by the College in 1867, remodeled in 1905 by the Class of 1884.

Walker Hall, built in 1868, rebuilt in 1882, named in honor of the original donor, Dr. William J. Walker of Providence.

College Church, built in 1870, given by William F. Stearns of Boston.

Pratt Gymnasium, built in 1884, named in honor of the principal donor, Charles M. Pratt, '79. In the gymnasium are the natatorium, the gift of Harold I. Pratt, '00, and squash-racquet courts, the gift of Mortimer L. Schiff, '96.

Hitchcock Hall, purchased for the College in 1892 by D. Willis James of New York, named in honor of Dr. Edward Hitchcock, '49.

Fayerweather Laboratories, built in 1893 with funds received from the estate of Daniel B. Fayerweather of New York.

Pratt Health Cottage, built in 1897, named in honor of the donors, George D. Pratt, '93, Herbert L. Pratt, '95, and John T. Pratt, '96.

The Observatory, built in 1904.

Biological and Geological Laboratories, built in 1909.

Morris Pratt Memorial Dormitory, built in 1912 by Mr. and Mrs. Charles M. Pratt as a memorial to their son, Morris Pratt.

PUBLICATIONS

The annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

A *Handbook*, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in November, February, May, and August. It contains articles of educational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editors should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

ENROLLMENT

GRADUATE STUDENTS

Agard, Walter Raymond, B.A. 1915 *Austin, Tex.*
109 Morris Pratt Memorial Dormitory

Rand, Frank Prentice, B.A. (Williams 1912) *Worcester, Mass.*
24 Pleasant Street

Snider, Joseph Lyons, B.A. 1915 *Uniontown, Pa.*
109 Morris Pratt Memorial Dormitory

SENIOR CLASS

Allen, Frederick Crosby	*Auburndale, Mass.*	K Θ House
Ames, Charles Burton	*Montclair, N. J.*	X Ψ Lodge
Anderson, Robert Jeffrey	*Clinton, Mass.*	Σ Δ P House
Andrews, Edward Deming	*Pittsfield, Mass.*	Δ Υ House
Ashley, Thomas Williams	*Deerfield, Mass.*	A Δ Φ House
Avirett, William Goodwin	*Brooklyn, N. Y.*	A Δ Φ House
Baker, Walton Chamberlain	*Springfield, Mass.*	Θ Δ X House
Barnes, Henry Walter, Jr.	*Plymouth, Mass.*	Θ Δ X House
Barone, Tony	*North Collins, N. Y.*	Chemical Laboratory
Bixler, Julius Seelye	*New London, Conn.*	A Δ Φ House
Boynton, Merrill Holmes	*Bristol, R. I.*	Ψ Υ House
Brown, Charles Henry	*Chicago, Ill.*	A Δ Φ House
Buchanan, Scott Milross	*Pittsfield, Mass.*	Δ Υ House
Chandler, Hazen Atherton	*Montpelier, Vt.*	Δ K E House
Chapman, William Gilger	*Russell, Pa.*	Φ Δ Θ House
Clark, Franklin Stetson	*North Amherst, Mass.*	Θ Δ X House
Conant, Hezekiah Nelson	*Pawtucket, R. I.*	Ψ Υ House
Dayton, Theodore Read	*Georgetown, Conn.*	Δ Υ House
Dent, Francis Morse	*Washington, D. C.*	4 North College
Douglas, Lewis Williams	*Douglas, Ariz.*	A Δ Φ House
Edwards, Theodore Caldwell	*Brooklyn, N. Y.*	B Θ Π House
Ferguson, Eralsey Clark	*Brookline, Mass.*	Φ Δ Θ House
Gail, George Philip Landmann	*Roland Park, Md.*	212 Morris Pratt Memorial Dormitory

Gillett, Robert Swift	*Hartford, Conn.*	Α Δ Φ House
Gillies, Harold Lusk	*Nyack, N. Y.*	Ψ Υ House
Gilligan, James Tierney	*Holyoke, Mass.*	
Goodridge, Edwin Harrison	*Fitchburg, Mass.*	Φ Κ Ψ House
Greene, Paul Stevens	*Boston, Mass.*	
	203 Morris Pratt Memorial Dormitory	
Hardy, Donald Egbert	*Amherst, Mass.*	Χ Φ House
Heavens, Howard Joseph	*Plymouth, Mass.*	Σ Δ Ρ House
Hitchcock, Charles Hanchett	*Chittenango, N. Y.*	Φ Κ Ψ House
Hughes, Percy Meredith, Jr.	*Syracuse, N. Y.*	Ψ Υ House
Jenkins, John Maxey	*Montrose, Pa.*	Β Θ Π House
Johnson, Herbert Gale	*Amherst, Mass.*	Κ Θ House
Jones, Marshall Walker	*Winchester, Mass.*	Φ Κ Ψ House
Keeney, George Nelson	*New London, Conn.*	Θ Δ Χ House
Knapp, Lewis Mansfield	*Groton, Mass.*	Δ Υ House
Knowlton, Wilbur Clark	*Kirkwood, Mo.*	Β Θ Π House
Lane, George Homer	*West Hartford, Conn.*	Α Δ Φ House
Leonard, Wallace Minot, Jr.	*Newton Highlands, Mass.*	Δ Κ Ε House
Lutkins, Edwin Henry	*Hackensack, N. J.*	Κ Θ House
McCloy, John Snader	*Philadelphia, Pa.*	Β Θ Π House
Mansfield, Ralph Leslie	*Fishkill, N. Y.*	Φ Γ Δ House
Marks, Alan David	*New York, N. Y.*	
	304 Morris Pratt Memorial Dormitory	
Marshall, Donald Earle	*Amherst, Mass.*	4 Nutting Avenue
Meredith, Lawrence Cornelius	*Boulder, Colo.*	Φ Δ Θ House
Milne, Douglas Duncan	*Scarsdale, N. Y.*	Ψ Υ House
Neiley, Geoffrey Cooke	*Winchester, Mass.*	Ψ Υ House
Otte, Francis Robert	*Grand Rapids, Mich.*	Ψ Υ House
Park, Robert Hodges	*Taunton, Mass.*	Β Θ Π House
Peck, Charles Baldwin, Jr.	*Rochester, N. Y.*	Ψ Υ House
Proctor, Robert Matthews	*Corning, N. Y.*	Physical Laboratory
Reber, John Uhrich	*Reading, Pa.*	Ψ Υ House
Redfield, Humphrey Fuller	*Brooklyn, N. Y.*	Α Δ Φ House
Rider, Stuart Williams	*Auburndale, Mass.*	Α Δ Φ House
Robinson, Homans	*Springfield, Mass.*	Δ Κ Ε House
Sawyer, Edmund Ellis	*Hackensack, N. J.*	Κ Θ House
Sawyer, Harold Edmund	*South Harwich, Mass.*	
		Physical Laboratory
Seamans, Elton Henry	*Springfield, Mass.*	Φ Γ Δ House
Shaw, Leo Nelson	*Auburn, N. Y.*	Θ Δ Χ House
Smith, Robert Williams	*Lakeside, Ohio*	Β Θ Π House

Smith, Winthrop Hiram	*South Hadley Falls, Mass.*	212 Morris Pratt Memorial Dormitory
Stearns, Douglas Clark	*Norfolk, Conn.*	X Ψ Lodge
Stevenson, David	*Gilmanton, N. H.*	15 Lincoln Avenue
Stiles, Wayne Peffers	*Amherst, Mass.*	Φ K Ψ House
Stinson, Eugene	*Evansville, Ind.*	Φ K Ψ House
Tow, William Howard	*New York, N. Y.*	A Δ Φ House
Ver Nooy, Lester Carlton	*Cortland, N. Y.*	Φ K Ψ House
Washburn, Alfred Hamlin	*Boston, Mass.*	Δ Υ House
Washburn, George Winslow	*Brockton, Mass.*	X Φ House
Weeden, Charles Foster, Jr.	*Dorchester, Mass.*	A Δ Φ House
Whetstone, Lambert Frye	*Germantown, Pa.*	A Δ Φ House
White, Arthur Platt	*Corning, N. Y.*	K Θ House
Wood, Lee Blair	*Corry, Pa.*	Φ K Ψ House
Young, Burbank Chase	*Rochester, N. Y.*	X Ψ Lodge
Young, Laurence Henry	*Bloomington, Ill.*	202 Morris Pratt Memorial Dormitory
Young, Malcolm Oakman	*North Hanover, Mass.*	210 Morris Pratt Memorial Dormitory

JUNIOR CLASS

Anthony, Henry Franklin	*Providence, R. I.*	Φ Δ Θ House
Baer, Bernard Louis	*New York, N. Y.*	
	201 Morris Pratt Memorial Dormitory	
Baily, George Irving	*Brooklyn, N. Y.*	Β Θ Π House
Baker, Myers Elliott	*Great Neck, N. Y.*	Κ Θ House
Ball, Ralph Blackmarr	*Corning, N. Y.*	Χ Ψ Lodge
Banta, Henry Hyde	*Syracuse, N. Y.*	15 Amity Street
Baril, George Everett	*Holyoke, Mass.*	Σ Δ Ρ House
Bartholomew, Charles Henry	*Binghamton, N. Y.*	Δ Κ Ε House
Bell, Carlton Leroy	*Amherst, Mass.*	2 College Street
Bell, Frederick Drake	*New York, N. Y.*	Δ Υ House
Blair, Earle Franklin	*Amherst, Mass.*	12 Northampton Road
Boyd, Harmon Shove	*Woodbury, Conn.*	Κ Θ House
Bristol, Ralph Buffum	*Glen Ridge, N. J.*	Δ Υ House
Brown, Osborn Whitney	*Ben Avon, Pa.*	Φ Δ Θ House
Carpenter, Kenneth deForest	*Brooklyn, N. Y.*	Ψ Υ House
Clark, John Dodge	*Brooklyn, N. Y.*	Θ Δ Χ House
Clark, Lloyd Montgomery	*Boston, Mass.*	Φ Κ Ψ House
Clarke, Arthur Merriam	*Wellesley, Mass.*	Κ Θ House
Cochrane, Craig Parsons	*Rochester, N. Y.*	Χ Ψ Lodge
Copeland, Morris Albert	*Rochester, N. Y.*	
	110 Morris Pratt Memorial Dormitory	
Craig, David Rankin, Jr.	*Boston, Mass.*	Α Δ Φ House
D'Ooge, Benjamin Stanton	*Ypsilanti, Mich.*	Ψ Υ House
Downer, Ernest Page	*Montrose, Pa.*	2 College Street
Eisner, Mortimer	*Newark, N. J.*	
	201 Morris Pratt Memorial Dormitory	
Fillman, Henry Ingerton	*New York, N. Y.*	
	401 Morris Pratt Memorial Dormitory	
Fisher, Robert Miller	*Indiana, Pa.*	Φ Κ Ψ House
Fraker, Walter Potter	*Duluth, Minn.*	Α Δ Φ House
Gazley, John Gerow	*White Plains, N. Y.*	Φ Κ Ψ House
Glann, James Everett	*Cortland, N. Y.*	
	407 Morris Pratt Memorial Dormitory	
Goodhue, Elbridge Alvah	*Haydenville, Mass.*	2 College Street
Goodrich, Sheldon Burnett	*Taunton, Mass.*	Β Θ Π House
Hale, David Clendon	*Cambridge, Mass.*	Χ Φ House
Hawkins, James Alexander	*Springfield, Mass.*	Σ Δ Ρ House

Hinman, George	*St. Johnsbury, Vt.*	Δ K E House
Hobart, Richard Townley	*Upper Montclair, N. J.*	B Θ Π House
Howard, Samuel Anton, Jr.	*Rutland, Vt.*	X Ψ Lodge
Ivimey, Theodore	*New York, N. Y.*	Δ Υ House
Jenkins, Paul Alexander	*Chicago, Ill.*	B Θ Π House
Jessup, Charles James	*Brooklyn, N. Y.*	Φ Δ Θ House
Johnson, Brooks Elmo	*New Rochelle, N. Y.*	X Ψ Lodge
Jones, Chandler Tracy	*East Orleans, Mass.*	K Θ House
Kambour, Theodore	*Plymouth, N. H.*	Σ Δ P House
Kimball, Bradford Fisher	*Amherst, Mass.*	25 Woodside Avenue
Kohout, Harry Joseph	*Amherst, Mass.*	3 Parsons Street
Loomis, Edward Francis	*Haydenville, Mass.*	Θ Δ X House
Loomis, William Fitch	*Bedford, Mass.*	Θ Δ X House
Low, Carroll Blakely	*Brooklyn, N. Y.*	X Ψ Lodge
McGarrahan, John Cooley	*Cohoes, N. Y.*	B Θ Π House
McGowan, Charles Batchelor	*Steubenville, Ohio*	X Φ House
McGowan, Royal Edmund	*Youngstown, N. Y.*	311 Morris Pratt Memorial Dormitory
Maloney, Edward James	*Amherst, Mass.*	Σ Δ P House
Marks, Eric Henry	*New York, N. Y.*	304 Morris Pratt Memorial Dormitory
Marks, Frederic Bliss	*Kenwood, N. Y.*	Δ K E House
Marples, Edward Stuart	*Evanston, Ill.*	X Ψ Lodge
Mason, Alfred DeWitt	*Brooklyn, N. Y.*	X Ψ Lodge
Masten, Richard Leopold	*Portland, Ore.*	Θ Δ X House
Maurer, Keith Langdon	*Northampton, Mass.*	Φ Δ Θ House
Maynard, Charles Edgar	*Northampton, Mass.*	Φ K Ψ House
Melcher, Herbert Henry	*Mt. Vernon, N. Y.*	X Ψ Lodge
Metcalf, Robert Drayton	*Norwood, Mass.*	K Θ House
Middleton, Robert Avery	*Utica, N. Y.*	X Φ House
Miller, William Melbourne	*Croton-on-Hudson, N. Y.*	Θ Δ X House
Moginot, Francis Louis	*St. Louis, Mo.*	3 Northampton Road
Morse, Edward Wilson	*Worcester, Mass.*	Φ Γ Δ House
Munroe, Robert	*Oakmont, Pa.*	Ψ Υ House
Nelligan, Thomas Hayes	*Amherst, Mass.*	11 Sunset Avenue
Norton, Cyril Francis	*Northampton, Mass.*	Δ Υ House
Perkins, Roger Conant	*Manchester, Vt.*	Φ K Ψ House
Pettee, Herbert Bachellor	*Providence, R. I.*	A Δ Φ House
Plough, Paul Harwood	*New York, N. Y.*	Δ Υ House
Rauschenbusch, Hilmar Ernst	*Rochester, N. Y.*	A Δ Φ House
Robinson, Hayden Dutton	*Brownsville, Pa.*	Ψ Υ House

Rome, Gardiner Harbrouck	*Brooklyn, N. Y.*	Δ K E House
Romer, Alfred Sherwood	*Brooklyn, N. Y.*	Φ K Ψ House
Root, Edward Merrill	*Somerville, Mass.*	Σ Δ P House
Ross, Raymond Thomas	*Crawfordsville, Ind.*	Δ K E House
Sanders, Frank Knight, Jr.	*Yonkers, N. Y.*	X Ψ Lodge
Scandrett, Jay Johnson Morrow	*Pittsburgh, Pa.*	B Θ Π House
Schmid, Herbert William	*Providence, R. I.*	A Δ Φ House
Shumway, Eric	*Brooklyn, N. Y.*	Σ Δ P House
Sibley, Walcott Ellis	*Wellesley Hills, Mass.*	X Φ House
Sleeper, Frank MacDonald	*Wellesley, Mass.*	B Θ Π House
Smith, Harold Addison	*W. Springfield, Mass.*	K Θ House
Spear, Irving Lewis	*Amherst, Mass.*	8 Dickinson Street
Stark, Whitney Williams	*Brooklyn, N. Y.*	A Δ Φ House
Swett, Jesse Freeman	*Brookline, Mass.*	Φ Δ Θ House
Tehan, William Henry	*Auburn, N. Y.*	15 Amity Street
Temple, Donald Edward	*Greenfield, Mass.*	Φ K Ψ House
Vaughn, Herbert Getty	*Fort Ann, N. Y.*	Φ Γ Δ House
Vielbig, Joseph Frederick	*Brooklyn, N. Y.*	Mount Doma
Wadhams, Robert Wiltsie	*Pittsford, N. Y.*	X Ψ Lodge
Wells, Henry Willis	*New York, N. Y.*	Φ Δ Θ House
Whitcomb, John Leonard	*Brockton, Mass.*	B Θ Π House
Widmayer, Theodore Lewis, Jr.	*New York, N. Y.*	15 Amity Street
Williams, Palmer Champney	*Taunton, Mass.*	B Θ Π House
Witney, William Reilly	*Philadelphia, Pa.*	Φ Γ Δ House
Woodward, Rufus Stanley, Jr.	*Worcester, Mass.*	Δ K E House

SOPHOMORE CLASS

Aiello, Gaetano Rudolph	*Hoboken, N. J.*	Σ Δ P House
Arnold, Philip Rhodes	*Providence, R. I.*	Φ Δ Θ House
Atkinson, Arthur Thomas	*Mt. Holly, N. J.*	15 Amity Street
Bailey, Albert Ware	*Worcester, Mass.*	Θ Δ X House
Barber, Kenneth Wareham	*Windsor, Conn.*	Φ K Ψ House
Bednarski, Roger Edward	*South Deerfield, Mass.*	Φ K Ψ House
Bemis, Raymond Guilford	*Brookline, Mass.*	Λ Δ Φ House
Bennet, Augustus Witschief	*New York, N. Y.*	Ψ Υ House
Benneyan, George	*White Plains, N. Y.*	411 Morris Pratt Memorial Dormitory
Bentley, Raymond Palm	*Brookline, Mass.*	X Φ House
Billings, Dwight Brinkerhoff	*Amherst, Mass.*	Ψ Υ House
Bixler, David Daniel	*Hanover, Pa.*	Ψ Υ House
Blair, Roy Richardson	*Amherst, Mass.*	12 Northampton Road
Bogart, Frank E., Jr.	*Detroit, Mich.*	Ψ Υ House
Brackett, Roger Arnold	*Brattleboro, Vt.*	Ψ Υ House
Brainerd, John Bliss, Jr.	*Brookline, Mass.*	X Ψ Lodge
Bratt, Charles Henry	*Grand Rapids, Mich.*	Δ Υ House
Breed, Philip Munro	*Lynn, Mass.*	X Φ Annex
Brinkerhoff, Robert Joris	*Springfield, Mass.*	Δ K E House
Butler, Franklin Coit	*Providence, R. I.*	X Φ Annex
Chanin, Charles	*Dorchester, Mass.*	205 Morris Pratt Memorial Dormitory
Chapman, Charles Wesley, Jr.	*Waterloo, Ia.*	Φ Δ Θ House
Chase, Paul Addison	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Churukian, Vahan Ardashes	*Amherst, Mass.*	31 Lincoln Avenue
Cornell, George Washington, Jr.	*Brooklyn, N. Y.*	Φ Γ Δ House
Cross, Gorham Lamont	*Utica, N. Y.*	Λ Δ Φ House
Durham, Charles Henry, Jr.	*Schenectady, N. Y.*	307 Morris Pratt Memorial Dormitory
Ellinwood, Ralph Everett	*Bisbee, Ariz.*	Λ Δ Φ House
Elwood, John Worden	*Rochester, N. Y.*	Ψ Υ House
Estey, Jacob Poor	*Brattleboro, Vt.*	101 Morris Pratt Memorial Dormitory
Evans, James Baxter	*Columbus, Ohio*	Λ Δ Φ House
Garrett, John B.	*Boston, Mass.*	1 North College
Gillies, John Sinclair	*Brooklyn, N. Y.*	Φ Γ Δ House

Godwin, Richard Kenneth	*Amherst, Mass.*	5 Dana Street
Goodrich, Carter Lyman	*Taunton, Mass.*	Β Θ Π House
Greene, Edward Barrows	*Upper Montclair, N. J.*	Δ Υ House
Greene, Theodore Meyer	*Oberlin, Ohio*	Δ Υ House
Hall, Merwin Porter	*Brookline, Mass.*	Χ Ψ Lodge
Harris, Alvin Emerson	*Shelburne Falls, Mass.*	Κ Θ House
Haven, Alfred Coles, Jr.	*Lake Forest, Ill.*	Χ Ψ Lodge
Hobensack, Wilkins Carlisle	*Ivyland, Pa.*	Φ Δ Θ House
Houghton, Augustus Sherrill	*Tarrytown, N. Y.*	Θ Δ Χ House
Jackson, Gardner	*Colorado Springs, Colo.*	Φ Κ Ψ House
Johnson, Harold F.	*New York, N. Y.*	307 Morris Pratt Memorial Dormitory
Keezer, Dexter Merriam	*Denver, Colo.*	Φ Δ Θ House
Kelsey, Robert Pratt	*Newton Center, Mass.*	Χ Φ Annex
Kenyon, Owen Henry	*Adams, N. Y.*	Χ Φ House
Kessler, Don Hursh	*Fayetteville, N. Y.*	Φ Κ Ψ House
Ladd, Henry Andrews	*Portland, Ore.*	4 North Prospect Street
Macfarlane, William Duncan	*Albany, N. Y.*	Δ Κ Ε House
McGarrahan, Francis Carlisle	*Malone, N. Y.*	Β Θ Π House
Mathews, Frederic	*White Plains, N. Y.*	Δ Υ House
Matthews, Charles Smith	*Brooklyn, N. Y.*	Φ Γ Δ House
Meiklejohn, James Stuart	*Pawtucket, R. I.*	Α Δ Φ House
Michener, William Henry	*Waynesville, Ohio*	Κ Θ House
Moore, Murray Stuart	*Hudson, Mass.*	Β Θ Π House
Morehouse, Andrew Richmond	*Oakwoods, N. C.*	Α Δ Φ House
Morehouse, Edward Ward	*Springfield, Mass.*	Α Δ Φ House
Myers, Ralph Willard	*Hyde Park, N. Y.*	Φ Δ Θ House
Norton, Curtis Lacy	*Suffern, N. Y.*	Χ Φ Annex
*Olmstead, Frank Thompson	*Norwood, Mass.*	Κ Θ House
Orrell, Burton	*Brooklyn, N. Y.*	Δ Κ Ε House
Parkhurst, Morrill Holden	*East Gloucester, Mass.*	111 Morris Pratt Memorial Dormitory
Parsons, Truxton Homans	*Waterford, N. Y.*	Δ Κ Ε House
Partenheimer, Joseph Everard	*Greenfield, Mass.*	Chemical Laboratory
Patton, Robert Ferry, Jr.	*Highland Park, Ill.*	Χ Φ House
Peabody, Walter Richardson	*Providence, R. I.*	Δ Υ House
Pieper, Clifford Emil	*Providence, R. I.*	Φ Δ Θ House
Pratt, Waldo Elliott, Jr.	*Wellesley Hills, Mass.*	Ψ Υ House
Prince, Leonard Morton	*Chicago, Ill.*	Ψ Υ House
Quill, John Henry	*North Brookfield, Mass.*	Σ Δ Ρ House

*Deceased.

Redmond, Daniel George	*Philadelphia, Pa.*	Φ Δ Θ House
Rogers, Rollin William	*Cohoes, N. Y.*	205 Morris Pratt Memorial Dormitory
Rogers, William Garland	*Springfield, Mass.*	Α Δ Φ House
Saunders, Allen Frederic	*Amherst, Mass.*	Pratt Cottage
Seamans, Chester Gladding	*Springfield, Mass.*	Φ Γ Δ House
See, Philip Hudson	*Brooklyn, N. Y.*	Χ Φ Annex
Shepro, Harry	*Holyoke, Mass.*	
Smith, Elmer Gillam	*Port Jefferson, N. Y.*	Θ Δ Χ House
Stimson, Horace Pottle	*Northampton, Mass.*	
Stitt, William Britton	*New York, N. Y.*	Θ Δ Χ House
Taber, William Russell	*Auburn, N. Y.*	Θ Δ Χ House
Thayer, Lucius Ellsworth	*Portsmouth, N. H.*	Ψ Υ House
Thayer, Sigourney	*Southboro, Mass.*	Ψ Υ House
Thompson, William Ladd	*Lawrenceville, N. J.*	Δ Κ Ε House
Tooker, Winfred Clyde	*Riverhead, N. Y.*	Θ Δ Χ House
Traver, Clarence Hoffman	*Red Hook, N. Y.*	Α Δ Φ House
Tylee, Arthur Francis	*Worcester, Mass.*	Θ Δ Χ House
Van Dyck, Rawdon Myers	*Newark, N. Y.*	Θ Δ Χ House
Warren, James Carey	*New Haven, Conn.*	Α Δ Φ House
Washburn, William Crocker	*Salem, Mass.*	Δ Κ Ε House
Wheeler, Harry Fairchild	*Ocean Grove, N. J.*	Φ Κ Ψ House
White, Owen Sheppard	*New York, N. Y.*	Δ Υ House
Whiting, Edward Chapin	*Holyoke, Mass.*	3 Northampton Road
Williams, Morris Holliday	*Columbus, Ohio*	Ψ Υ House
Yerrall, William Wood	*Springfield, Mass.*	Χ Φ Annex
Young, Clifford John	*Elmira, N. Y.*	Α Δ Φ House
Youtz, Philip Newell	*Auburn, N. Y.*	Δ Υ House

FRESHMAN CLASS

Ames, Lawrence Coffin	*Montclair, N. J.*	22 South College
Anderson, Merrill	*Exeter, N. H.*	309 Morris Pratt Memorial Dormitory
Bailey, Franklin Fifield	*Montpelier, Vt.*	305 Morris Pratt Memorial Dormitory
Baker, Ingham Chamberlain	*Springfield, Mass.*	21 North College
Ballou, Paul Holton	*Chester, Vt.*	312 Morris Pratt Memorial Dormitory
Banfield, Arthur Fiske	*Austin, Minn.*	10 South College
Bayer, Walter VanDyk	*Brooklyn, N. Y.*	404 Morris Pratt Memorial Dormitory
Belknap, Walter Kerr	*Newburgh, N. Y.*	9 North College
Bell, John Boyle	*Brooklyn, N. Y.*	29 South College
Blatchford, Charles Lord	*Oak Park, Ill.*	27 South College
Boone, George Thomas	*Salem, Ohio*	19 North College
Bowman, Morris Lester	*Jamestown, N. Y.*	26 South College
Boynton, Nehemiah, Jr.	*Brooklyn, N. Y.*	31 South College
Boynton, Oliver Griswold	*Bristol, R. I.*	16 South College
Brown, Hermon Duane, Jr.	*Sioux City, Iowa*	308 Morris Pratt Memorial Dormitory
Brown, John Knox Archibald	*Whitinsville, Mass.*	12 South College
Brunt, William Lester	*South Hadley, Mass.*	4 South College
Bull, Charles Beekman	*New York, N. Y.*	21 North College
Burnett, William Albert, Jr.	*Amherst, Mass.*	Sunset Avenue
Burr, Marcus Rodney	*Brooklyn, N. Y.*	13 South College
Cardinal, Roland Samuel	*Northampton, Mass.*	
Caulkins, Robert Sharp	*Cleveland, Ohio*	206 Morris Pratt Memorial Dormitory
Cavart, Alphonse Ernest	*Brooklyn, N. Y.*	21 South College
Chang, Alfred Yao-Chiang	*Hankow, China*	1 Woodside Avenue
Charlton, Earle Perry, Jr.	*Fall River, Mass.*	204 Morris Pratt Memorial Dormitory
Chase, Charles Robinson	*Petoskey, Mich.*	11 North College
Clarke, Richard Warner	*Utica, N. Y.*	8 South College
Colton, Raymond Morse	*Montpelier, Vt.*	15 Amity Street
Cotton, John Rowell	*Chicago, Ill.*	17 North College
Cummings, William Barton	*West Boylston, Mass.*	13 South College
Darling, Thurston Vail	*Canandaigua, N. Y.*	29 South College

Davis, Robert Johnston	*Upper Montclair, N. J.*	16 South College
Donahue, Joseph Florence	*Lynn, Mass.*	
Donahue, Laurence Leahy	*Amherst, Mass.*	104 Pleasant Street
Dumm, Paul Jamison	*Plymouth, N. H.*	17 South College
Eastman, Philip Yale	*Orange, N. J.*	2 College Street
Edee, Allen Barnett, Jr.	*Pawnee City, Nebr.*	12 South College
Elwell, James Henry	*Amherst, Mass.*	5 Lincoln Avenue
Emery, William Harrison, Jr.	*Bradford, Pa.*	12 North College
Evans, Rowland Cadwalador, Jr.	*Philadelphia, Pa.*	14 South College
Evleth, Raymond Earle	*Philadelphia, Pa.*	14 South College
Fairbank, Robert Winthrop	*Auburndale, Mass.*	11 South College
Field, Walter Donald	*Hinsdale, Ill.*	27 South College
Forbes, Allyn Bailey	*Taunton, Mass.*	302 Morris Pratt Memorial Dormitory
Gardiner, Charles Morris	*Everett, Mass.*	22 North College
Gerarden, Karl Eugene	*Denver, Colo.*	207 Morris Pratt Memorial Dormitory
Gibson, John Graham, 2d	*Utica, N. Y.*	6 North College
Gillies, William Raymond	*Nyack, N. Y.*	104 Morris Pratt Memorial Dormitory
Glann, Perry Banta	*Cortland, N. Y.*	407 Morris Pratt Memorial Dormitory
Godwin, Willard Lesley	*Amherst, Mass.*	5 Dana Street
Golomb, Elhanan Hirsh	*Northampton, Mass.*	
Goodwin, Clarence Babcock	*Pittsfield, Mass.*	6 South College
Hallock, Leavitt Duane	*Cleveland, Ohio*	206 Morris Pratt Memorial Dormitory
Hazeldine, Arthur Edgar	*Easthampton, Mass.*	408 Morris Pratt Memorial Dormitory
Hendrickson, Edmund Hurd	*Haworth, N. J.*	9 South College
Hill, Kenneth Truman	*Long Island, N. Y.*	1 South College
Holden, Roger Cramer	*Palmer, Mass.*	28 North College
Hollings, Edward Nicholas, Jr.	*Jamaica, L. I., N. Y.*	D North College
Hooper, Ralph Winthrop	*Lynn, Mass.*	11 North College
Howard, John Gough	*Rochester, N. Y.*	407 Morris Pratt Memorial Dormitory
Howe, Burr	*Berlin, Wis.*	9 South College
Hunter, Robert Leslie	*Philadelphia, Pa.*	Phi Delta Theta House
Kambour, Edward Basil	*Plymouth, N. H.*	17 South College

Kiley, Marcus Philip	*Northampton, Mass.*	25 South College
Kimball, Parker Barton	*Orange, Mass.*	6 South College
Kinney, Wesley A.	*Cortland, N. Y.*	
	312 Morris Pratt Memorial Dormitory	
Lay, Harold Morrill	*Kewanee, Ill.*	
	405 Morris Pratt Memorial Dormitory	
LeBrun, Pierre Napoleon	*Montclair, N. J.*	23 South College
Lyman, Joseph Martin	*Florence, Mass.*	18 South College
McAllister, Willis Hamilton	*Columbus, Ohio*	5 South College
Macfarlane, Noble Thomson	*Albany, N. Y.*	2 South College
McGregor, Alexander	*Beach Bluffs, Mass.*	
	209 Morris Pratt Memorial Dormitory	
Maloney, William James	*Northampton, Mass.*	
Manwell, Reginald Dickinson	*Whately, Mass.*	A South College
Marks, Warren Leonard	*New York, N. Y.*	
	304 Morris Pratt Memorial Dormitory	
May, Fred Stacy	*Melrose Park, Pa.*	14 South College
Miller, Lloyd Wilcox	*Medford, Mass.*	30 South College
Mitchell, Donald Grant, Jr.	*New London, Conn.*	
	408 Morris Pratt Memorial Dormitory	
Moore, Leonard Page	*E. Orange, N. J.*	
	208 Morris Pratt Memorial Dormitory	
Morse, Bradbury Bedell	*Denver, Colo.*	
	207 Morris Pratt Memorial Dormitory	
Mutschler, Ernest	*Brooklyn, N. Y.*	15 South College
Mygatt, Frederick Eli, Jr.	*Plainfield, N. J.*	
	402 Morris Pratt Memorial Dormitory	
Norton, Algernon Sidney, Jr.	*Suffern, N. Y.*	
	404 Morris Pratt Memorial Dormitory	
Pitré, Thomas Palm	*Seymour, Conn.*	7 South College
Porter, Charles Scott	*Northampton, Mass.*	18 South College
Rauh, Stanley Ernest	*Dayton, Ohio*	25 South College
Reed, Paul R.	*Wall, Pa.*	10 North College
Riefler, Winfield William	*Rochester, N. Y.*	23 South College
Savoy, John Arthur Guilmant	*Holyoke, Mass.*	
	102 Morris Pratt Memorial Dormitory	
Schaaf, Oliver Haslup	*Poughkeepsie, N. Y.*	
	208 Morris Pratt Memorial Dormitory	
Scott, Arthur Leland	*Everett, Wash.*	11 North College
Seward, Halvor Richardson	*Brooklyn, N. Y.*	31 South College
Sheldon, Roy Van Auken	*Webster Groves, Mo.*	8 South College

Smith, Eastburn Richey — *Brooklyn, N. Y.*
310 Morris Pratt Memorial Dormitory

Smith, Lincoln Bardwell — *S. Hadley Falls, Mass.*
112 Morris Pratt Memorial Dormitory

Snelling, Stuart Peers — *White Plains, N. Y.* 23 North College

Soliday, David Shriver — *Hanover, Pa.*
402 Morris Pratt Memorial Dormitory

Southworth, Theodore — *Westwood, N. J.* 21 South College

Spencer, Harold Bennett — *Malden, Mass.* A North College

Spicer, William Cornman — *Gloversville, N. Y.* 10 North College

Stacy, Philip Huntley — *South Hadley, Mass.* B South College

Stanton, John Bloomfield — *Chicago, Ill.*
305 Morris Pratt Memorial Dormitory

Staples, Henry Barrett — *Buffalo, N. Y.*
112 Morris Pratt Memorial Dormitory

Starkey, Rodney Fielding — *Brooklyn, N. Y.*
108 Morris Pratt Memorial Dormitory

Sweeney, Henry Whitcomb — *Brooklyn, N. Y.*
108 Morris Pratt Memorial Dormitory

Taber, Benjamin Franklin — *Auburn, N. Y.* Mount Doma

Thornton, Louis Barton — *Buffalo, N. Y.* 12 Spring Street

Tilton, Thomas Appleton — *Newton Center, Mass.*
405 Morris Pratt Memorial Dormitory

Tsaou, Lee Ming — *Kiang-soo, China* 1 Woodside Avenue

Tyler, Robert Benjamin — *Palmyra, N. Y.* 5 North College

Utter, Wilfred Brown — *Westerly, R. I.*
406 Morris Pratt Memorial Dormitory

VanSant, Rufus Campbell — *Ashland, Ky.* 27 North College

Vogelius, Joseph Francis, Jr. — *Bloomfield, N. J.*
211 Morris Pratt Memorial Dormitory

Wessel, Herman Marluk — *Port Norris, N. J.* 25 North College

Whitcomb, Henry Dowling — *Worcester, Mass.*
209 Morris Pratt Memorial Dormitory

White, Robert Rombout, Jr. — *New York, N. Y.* 76 Main Street

Whitman, Barrett — *New York, N. Y.* 22 South College

Wilcox, Robert Carroll — *Grand Rapids, Mich.*
103 Morris Pratt Memorial Dormitory

Yarrington, Frederic Lefebre — *Brooklyn, N. Y.* 19 South College

STUDENTS PROVISIONALLY ENROLLED AS CANDIDATES FOR THE BACHELOR'S DEGREE

Baldwin, James A.	*Columbus, O.*	F North College
Bodenhorn, Aaron	*Cleveland, Ohio*	104 Morris Pratt Memorial Dormitory
Bracken, James Wright	*Corry, Pa.*	406 Morris Pratt Memorial Dormitory
Carter, Harold Mills	*Harbor Creek, Pa.*	21 Pleasant Street
Chalmers, Robert Burns	*Fitchburg, Mass.*	Δ K E House
Cheng, Nai-Wen	*Peking, China*	12 Woodside Avenue
Curtis, Gordon Moore	*Buffalo, N. Y.*	Ψ Υ House
Eilert, John Kohler	*New York, N. Y.*	306 Morris Pratt Memorial Dormitory
Grainger, Harry Kelsall	*Lincoln, Neb.*	412 Morris Pratt Memorial Dormitory
Hendricks, Ray Walter	*Chicago, Ill.*	Φ Δ Θ House
Hill, Robert Alexander	*Northampton, Mass.*	
Knauth, Henry	*Terre Haute, Ind.*	Mount Doma
Lemcke, Norman Rhode	*New York, N. Y.*	Gymnasium
Orlady, Lewis Thomas	*Jamestown, N. D.*	306 Morris Pratt Memorial Dormitory
Sharp, Malcolm Pitman	*Madison, Wis.*	Δ Δ Φ House
Sheldon, Merriam Ward	*Topeka, Kan.*	23 North College
Simmons, Donald Bemis	*Minneapolis, Minn.*	Β Θ Π House
Soare, Irving Walker	*Hackensack, N. J.*	3 Northampton Road
Stapleton, Luke Daniel	*Brooklyn, N. Y.*	15 South Prospect Street
Vermilya, Howard Park	*New York, N. Y.*	6 North College

STUDENTS NOT ENROLLED AS CANDIDATES FOR A DEGREE

Ahlers, Carl Theodore	*New York, N. Y.*	411 Morris Pratt Memorial Dormitory
Blanchard, Dean	*Winchester, Mass.*	Φ K Ψ House
Forbes, Wilbur Emmons	*Taunton, Mass.*	303 Morris Pratt Memorial Dormitory
Freer, Otto Emil	*Chicago, Ill.*	Gymnasium
Holt, Arthur Ratcliffe	*Newton Center, Mass.*	Δ K E House
Hughes, Robert Emmet Joseph	*Montclair, N. J.*	Θ Δ X House
Mulholland, Hugh Andrew	*Willimansett, Mass.*	99 Pleasant Street
Neiley, Richard Bowdoin	*Winchester, Mass.*	308 Morris Pratt Memorial Dormitory
Rosenberg, Isadore	*Holyoke, Mass.*	
Ruble, Fred William	*Malden, Mass.*	10 South College
Story, Robert William	*Catskill, N. Y.*	2 College Street

SUMMARY OF ENROLLMENT

Graduate Students	3
Fellows	4
Seniors	77
Juniors	97
Sophomores	98
Freshmen	119
Students Provisionally Enrolled	20
Students not Candidates for a Degree	11
Total	429

CLASSIFICATION BY RESIDENCE

Massachusetts	141	Arizona	2
New York	132	Iowa	2
Pennsylvania	26	Nebraska	2
New Jersey	23	Oregon	2
Illinois	14	Wisconsin	2
Ohio	13	District of Columbia	1
Rhode Island	12	Kansas	1
Connecticut	11	Kentucky	1
Vermont	10	Maine	1
New Hampshire	6	Maryland	1
Colorado	5	North Carolina	1
Michigan	5	North Dakota	1
Indiana	3	Texas	1
Minnesota	3	Washington	1
Missouri	3	China	3
		Total	429

DEGREES CONFERRED JUNE 30, 1915

BACHELOR OF ARTS

Summa Cum Laude

Walter Raymond Agard
Sidney Raymond Packard

Magna Cum Laude

Gardner Pettee Eastman
Charles Hamilton Houston
Hollis Winslow Plimpton
James Kellum Smith

Cum Laude

Kenneth Whittemore Banta
William Gerald Barnes
George Douglas Clapperton
George Leon Cutton
Everett Webb Fuller
John Merriman Gaus
Arthur Prentice Goodwin
Phillips Foster Greene
Harold Alpheus Lyon
Wilson Macdonald
Robert Andrew McCague
Maurice Lloyd McNair
William Henry Mandrey
Harold Chase Many
Francis Chandler Newton
Arthur Edward Ralston
Homer Morgan Smith
Joseph Lyons Snider
Jay Brinkerhoff Tomlinson
Edward Alfred VanValkenburgh
Arthur Hoyt Washburn
George Deming Whitmore

Rite

John Jacob Atwater
Richard Bancroft
Richard Sterling Banfield
Maurice Scott Bulger
John Warnock Campbell
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Dwight Nelson Clark
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Webster Hamlin Warren
Paul Dyess Weathers
Leslie Tillotson Webster
William Whiting, 2nd
John Richard Williams

BACHELOR OF SCIENCE

Magna Cum Laude

Louis Franklin Eaton

Cum Laude

Francis Wesley Blair
John Clifford Hayner
Stuart Franklin Heinritz
Robert Selden Moulton
George Keyes Ripley

Rite

Richard Hamlin Bacon
George Cleveland Bratt, Jr.
Warren Allen Breckenridge
James Edmund Bronk
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Henry Thomas Langspecht
Robert Reed McGowan
Everett Francis McTernan
Raymond Scott Person
Stuart Eugene Price
Lowell Ridgeway Smith
Henry Cleveland Swasey
Philip Francis Whitten

HONORARY DEGREES

Doctor of Divinity

William Dwight Porter Bliss

Doctor of Letters

Alfred Ernest Stearns

Doctor of Laws

Herbert Brown Ames
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Benjamin Kendall Emerson
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The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished without charge upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Secretary of the Faculty, Amherst College, Amherst, Mass.

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